CONSTRUCTION NEWS

PROPOSALS

"For Proposals Advertised see the pages immediately following the Construction News Section."

SEWERS

Bids Close		See Eng. News-Record
Dec. 15	Okmulgee, Okla.	Dec. 4
Dec. 19	Cleveland, O.	Dec. 4
Dec. 22	Euclid, O.	Dec. 4

BRIDGES

Dec. 9	Trenton, N. J.	Dec. 4
Dec. 9	New York Adv. Dec. 4.	Dec. 4
Dec. 9	Massachusetts	Dec. 4
Dec. 10	Findlay, Ill.	Dec. 4
Dec. 15	Aspermont, Tex.	Dec. 4
Dec. 16	Newark, N. J.	Dec. 4
Dec. 16	Rochester, N. Y. Adv. Dec. 4.	Dec. 4
Dec. 16	Washington, Ga.	Dec. 4
Dec. 19	Sylvester, Ga.	Dec. 4
Jan. 19	Finch, Ont.	Dec. 4
Dec. 22	Wenatchee, Wash.	Dec. 4

STREETS AND ROADS

Dec. 10	Michigan	Dec. 4
Dec. 11	Cameron, Tex.	Dec. 4
Dec. 17	Riverside, Cal.	Dec. 4
Dec. 23	Henderson, Minn.	Dec. 4

EXCAVATION AND DREDGING.

Dec. 17	Portage, Wis.	Dec. 4

INDUSTRIAL WORKS

Dec. 14	Milwaukee, Wis.	Dec. 4
Dec. 15	Ft. Worth, Tex.	Dec. 4
Dec. 17	Brooklyn, N. Y.	Dec. 4

BUILDINGS

Dec. 8	Chester, Pa.	Dec. 4
Dec. 8	Bridgeport, Conn.	Dec. 4
Dec. 9	Cherokee, Okla.	Dec. 4
Dec. 10	Ansonia, Conn.	Dec. 4
Dec. 10	Detroit, Mich.	Dec. 4
Dec. 11	Swampscott, Mass.	Dec. 4
Dec. 15	Pittsburg, Kan.	Dec. 4
Dec. 15	East Cleveland, O.	Dec. 4
Dec. 16	New Bedford, Mass.	Dec. 4
Dec. 16	Stennett, Ia.	Dec. 4
Dec. 17	Wards Island, N. Y.	Dec. 4
Dec. 17	Cleveland, O.	Dec. 4
Dec. 18	Pittsburgh, Pa.	Dec. 4
Dec. 19	Macksburg, Ia.	Dec. 4
Dec. 19	Cleveland, O.	Dec. 4
Dec. 19	Carlisle, O.	Dec. 4
Dec. 20	Ness City, Kan.	Dec. 4
Dec. 20	Independence, Kan.	Dec. 4
Dec. 22	Yuma, Ariz.	Dec. 4
Dec. 23	Fairport, O.	Dec. 4
Dec. 29	Cleveland, O.	Dec. 4
Jan. 13	Storm Lake, Ia.	Dec. 4

FEDERAL GOVERNMENT WORK

Dec. 8	Earth Work — Memphis, Tenn. Adv. Dec. 4.	Dec. 4
Dec. 10	Quay Wall—Spec. 4078—Charleston, S. C.	Dec. 4
Dec. 17	Heating — Spec. 4091 — Charleston, S. C.	Dec. 4
Dec. 17	Cranes—Spec. 4092—Norfolk, Va.	Dec. 4
Dec. 17	Cranes—Spec. 4092—Philadelphia, Pa.	Dec. 4
Dec. 17	Concrete Walls — Spec. 4096—Paris Island, S. C.	Dec. 4
Dec. 19	Dredging—Seattle, Wash. Adv. Dec. 4.	Dec. 4
Dec. 23	Animal House Extension — Washington, D. C.	Dec. 4
Dec. 26	Lock Gates — Wheeling, W. Va. Adv. Dec. 4.	Dec. 4

MISCELLANEOUS

Dec. 9	Grain Conveyor Equipment —St. Johns, N. B.	Dec. 4
Dec. 12	Wharf—Owen Sound, Ont.	Dec. 4
Dec. 16	Foundation—New Bedford, Mass.	Dec. 4
Dec. 17	Tractor — Hollidaysburg, Pa.	Dec. 4
Dec. 19	Pump—Cleveland, O.	Dec. 4
Dec. 22	Electric Pump—Sault Sainte Marie, Mich.	Dec. 4
Dec. 23	Jib Cranes — New York, N. Y. Adv. Dec. 4.	Dec. 4

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Pa., Morrisville—City voted $45,000 bonds for waterworks system. T. F. Bowe, Triangle St., East Rutherford, N. J., engr.

O., Silver Lake—(Cuyahoga Falls P. O.)—Village soon lets contract building two 1 story, 17x17 ft., concrete, steel and brick pump houses. About $15,000. R. W. Pratt, Hippodrome Bldg., Cleveland, engr.

Mich., Lansing—City retained Alvord & Burdick, engrs., Hartford Bldg., Chicago, to prepare report on tentative plans and estimates for proposed filtration plant.

Ia., Arnolds Park—City retained M. I. Evinger, engr., 222 Davidson Bldg., Des Moines, to prepare preliminary surveys and submit estimate of cost for waterworks and sewerage systems. G. H. Sherburne, city clk.

Okla., Clinton—City voted $350,000 bonds to improve waterworks system. Engineer to be selected at once.

Idaho, Ashton—City sold $50,000 bonds to improve waterworks system.

Wash., Anacortes—City plans to install 10 in. cement or c.i. watermains in Commercial Ave. from 17th to 38th Sts. About $12,000. E. Swanberg, clk.

Ore., Portland—City plans to install 54,000 additional meters. An appropriation of $30,000 will be asked to cover partial cost. J. Mann, comr.

Ont., Acton—Town having plans prepared by E. A. James Co., Ltd., engrs., 36 Toronto St. Toronto, for deep wells, 80,000 gal. concrete tank, reservoir, 300 gal. per minute turbine pumps, and 4 mi. 6 in. c.i. mains. About $80,000. Noted July 3.

Ont., Beaverton—Town retained James, Louden & Hertzberg, engrs., 36 Toronto St., Toronto, to make preliminary report on waterworks system, to include brick pumphouse, 5000 ft. 12 in. wood and 2000 ft. 6 in. c.i. pipe. About $50,000.

Ont., Chatham — City Council had plans prepared by E. A. James & Co., engrs., Excelsior Bldg., Toronto, for (1) Thames River proposition, involving 4 mi. 22 in wood pipe, pump house, rapid sand filter, tank and electric pumps, cost $300,000; (2) Snye proposition, 21½ mi. 24 in. pipe, etc., water taken from the Cheval Ecarte, St. Clair River, $720,000; (3) Lake Erie proposition, pump house, concrete reservoir 900,000 gal. capacity, gravity pipe line, 22 mi. 24 in. wood pipe, $600,000.

Ont., Milverton—Town having preliminary plans prepared by E. A. James Co., Ltd., engrs., 36 Toronto St., Toronto, for cast iron distribution system, deep wells, pumps, pumphouse, water tower, etc. About $80,000.

Ont., Richmond Hill—Town having preliminary plans prepared by E. A. James Co., Ltd., engrs., 36 Toronto St., Toronto, for natural reservoir, brick pumphouse, duplex electric and gasoline turbine pumps, rapid sand filters, elevated steel tank, 7500 imperial gal. capacity, 4 miles 6-8 in. c.i. pipe, hydrants, valves, etc. About $80,000.

Ont., Scarborough—Town Council having plans prepared by E. A. James Co., Ltd., engrs., 36 Toronto St., Toronto, for steel intake, concrete subsidence basins, pumphouse, pumps, 75,000 gal. steel water tower, 2500 ft. c.i. pipe, hydrants, valves, and mechanical filters. About $300,000. Noted Feb. 27.

Ont., Timmins—City having plans prepared by Lulcliffe & Neelands, engrs., New Liskeard, for waterworks and sewerage system. Work involves 23,000 ft. 8-18 in. vitr. tile sewer, 6400 ft. of which is trunk sewer and 9600 ft. c.i. water piping. About $115,000.

BIDS DESIRED

Minn., Grand Rapids—City receiving bids building watermains in various streets, involving 3622 cu.yd. earth and 10 cu.yd. rock excav., 6112 lin.ft. 4-8 in. c.i. pipe. About $11,000. Duluth Eng. Co., 612 Paladio Bldg., Duluth, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York—Dept. Water, Gas & Electricity received lowest 3 bids Nov. 24, hauling and laying watermains in East 164th and East 161st Sts., from Masterson Constr. Co., 15 East 40th St., $13,262; Astoria Contg. Co., $13,971; Norton Eng. Co., $14,100.

O., Cleveland—Calvary Cemetery Assn. East 9th St. and Superior Ave., received bids building 3600 ft. 6 in. c.i. water mains in Calvary Cemetery, from M. A. Ryan, 870 Eddy Rd., $8462; Sprague & Burkhardt, 12011 Woodland Ave., $8883; Philips & Bixel, Blackstone Bldg., $9390.

★Ill., Witt—Bd. Local Impvts. let contract building water system, to Monie & Dunbar, Chemical Bldg., St. Louis, Mo. Work involves 10,392 ft. 8 in. pipe, $2.20 per ft., 9151 ft. 6 in., $1.67 and 18,202 ft. 4 in. c.i. pipe, $1.275. Total cost, $67,939.

★Minn., Redwood Falls—M. C. Rutter, city recdr., let contract extending waterworks and sewerage systems, involving 3180 ft. 6 in. water mains, 3483 ft. 6-8 in. sewer, etc., to W. C. Fraser, Guardian Life Bldg., St. Paul., $7790.

★Neb., Norfolk—City let contract building extension to waterworks in Dists Nos. 37 to 47, to Norfolk Bridge & Constr. Co., Norfolk, $15,470.

★Neb., Ord.—City let contract laying watermains in various streets, to Hammen-Kruse Constr. Co., Spencer, Ia. About $10,300.

★Okla., Shattuck—City let combined contract improving waterworks and electric systems, including hydrants, valves, wells, power equipment and c.i. pipe, to Merkle Mchy Co., 508 Interstate Bldg., and Amer. Cast Iron Pipe Co., 716 Scarritt Bldg., (both) Kansas City, Mo., $75,957.

★Colo., Peetz—City will improve waterworks system. About $25,000. Work will be done by day labor. Machinery contract let, to Hendrie & Bolthoff Mfg. & Supply Co., 1639 17th St., Denver.

★Ont., Walkerville—H. Walker & Sons let contract installing turbine driven unit with capacity of 5,000,000 imperial gallons per day, to Turbine Equipment Co., 304 Excelsior Life Bldg., Toronto. About $26,000.

Sewers

PROPOSED WORK

Pa., Ellwood City—City plans to build sewage disposal plant. R. W. Pratt, Hippodrome Bldg., Cleveland, O., engr.

Pa., Harrisburg—City having plans prepared by M. B. Cowden, city engr., for sewer running east from Derry and 21st. Sts., to eastern city line, south to Phila. & Reading R.R., thence west to Mish's run; 2nd sewer following Asylum run from North and Cameron St., east to north-eastern part of city. About $100,000.

Sewers (Continued)

O., Cleveland—Corrigan Realty Co., c/o W. H. Evers Eng. Co., engrs., The Arcade, soon lets contract building 2880 ft. 8-20 in. sewer in Edgewood Ave. About $11,000.

O., Cleveland—E. White, c/o R. Hecker, engr., Leader-News Bldg., soon lets contract building sewer in Edgewood Ave., involving 1770 ft. 20-30 in. vitr. pipe, 8 manholes, etc. About $14,600.

Mich., Ferndale—City soon lets contract building, (1) 5123 ft. sewers in Ferndale Ave., from Campbell Ave., to point 20 ft. west of east line of Farmdale Ave., involving 30 in. vitr. crock and 36-42 in. rein.-con. or segmental block pipe; (2) 2001 ft. sewer in Farmdale Ave. from Ferndale to Clearfield Aves., 18-20 in. vitr. crock; (3) 1402 ft. sewer in Planavon Ave. from Ferndale to Lewiston Aves., 15-20 in. vitr. crock.

Ill., Mt. Vernon—See "Streets and Roads."

Ia., Odebolt—L. R. Bassett, town clk., soon lets contract building sanitary sewer, involving 1945 lin.ft. 8 in. vitr. sewer pipe, 36 lin.ft. 8 in. w.i. pipe, 3 manholes, 1 flush tank and ejection outfit, complete with sump and house and all appurtenances. W. E. Standeven, 619 Bee Bldg., Omaha, Neb., engr.

Ia., Winfield—City having plans prepared and receives bids in January building 5 mi. sewers and disposal plant. H. R. Green, Union Blk., Cedar Rapids, engr.

Minn., Ellsworth—City having plans prepared building sewerage system. About $40,000. Druar & Smith, Globe Bldg., St. Paul, engrs.

Minn., Forest Lake—Village having plans prepared building sanitary sewerage system. About $40,000. Druar & Smith, Globe Bldg., St. Paul, engrs.

Okla., Oklahoma—State Bd. Health has ordered city to build sewage disposal plant. About $1,000,000. J. W. Bennett, city engr.

Colo., Denver—W. B. Lowery, mgr. impvts. and parks soon receives bids installing 19,000 ft. 8 in. vitr. sewer pipe in Part B, West and South Side Sewer Sub.-Dist. No. 18. About $33,625. J. B. Hunter, city engr.

Idaho, Ashton—City sold $50,000 bonds to improve sewerage system.

Idaho, Malad—City plans to build sewers in Impvt. Dist. No. 2. About $16,000. J. J. Evans, clk.

Idaho, Rupert—City will sell $30,000 bonds to extend present sewerage system to include installation of vitr. or cement branch and service pipes. A. Kelset, Rupert, engr.

Ore., Portland—City Council adopted resolution to build 8 in. vitr. sewer pipe, lamp-holes, catchbasins, manholes, sewer service and branch pipes, in East 44th St. from East Hoyt to East 47th Sts.; Holladay Ave. form East 84th to East 82nd Sts.; East 84th St. from point 160 ft. north of Holliday Ave. to proposed sewer in Holladay Ave. and East 84th St. from point 84 ft. south of center of Holladay Ave. to proposed sewer, $4330. O. Laurgaard, city engr.

Ont., Peterboro—R. H. Parsons, city engr., submitted report recommending that City Council build rein.-con. sewage disposal plant consisting of 2 story sedimentation tank, sprinkling filters and humus tanks. About $125,000.

Ont., Sandwich—M. Knowles, Ltd., engrs., 66 Onellette Ave., Windsor, soon lets contract building 8700 ft. 27-42 in. lock joint concrete sewers in Sandwich and Ojibway Twps., for Essex Border Utilities Comn. About $150,000.

BIDS DESIRED

O., Cleveland—Until Dec. 19, by city, building twelve 8 x 50 ft. grit chambers, flow channels, pump wells and buildings to cover same, also installing pipe and pumping equipment, at easterly sewage treatment works, foot of East 140th St. G. Cascoigne, 618 City Hall, engr.

O., Euclid—Until Dec. 22, by village, building sewers and watermains in Coulter Ave. from Bliss to Coulter Aves. and laying 6 in. watermains in Ormiston Rd. from Cut Rd. to Clifton St. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Okla., Okmulgee—Until Dec. 15, by city, building sewers in Dist. No. 36, involving 7500 ft. 8 in. tile block. About $18,000. T. P. Paxton, Okmulgee, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★**Mass., Worcester**—City will improve sewerage system. About $100,000. Work will be done by day labor.

★**N. Y., Brooklyn**—E. Riegelmann, boro. pres., let contract laying sewers and appurtenances in West 8th St., to Tomasetti Contg. Co., Inc., 1133-60th St., $22,694; 84th St., to Ramsey and New York Contg. Co., 26 Court St., $16,259; Elmore Pl. and Ave. M, to C. Patracca, 3506 Neptune Ave., $2213 and $1053 respectively; Coffee St., to Murphy Bros., 8856-26th Ave., $1770.

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro., let contracts laying sewer in Anable Ave. and 15th Ave., (Type "A"), to N. Lacalzo, $1670 and $9208 respectively; 15th Ave., (Type "B"), to Green Contg. Co., 734 Vernon Ave., $10,550; Raymond Pl., to F. L. Paino, Woodhaven, $4600; Woodbine St., to T. Welsch, $2222; Stockholm St., to J. H. Johnson, $993.

★**N. Y., New York**—H. Bruckner, pres. Bronx Boro., let contract building sewer and appurtenances in Holland Ave., to C. McDonald, 1910 Webster Ave., $213,721.

N. J., Newark—Passaic Valley Sewerage Comrs., Essex Bldg., 31 Clinton St., received lowest 3 bids building outfall pressure tunnel under Bayonne and New York Bay, from Haskin Tunnel Co., 3½%, A. McMullen Co., 149 Bway, New York City, 4%, North Atlantic Constr. Co., New York City, 4½%; cost plus percentage basis; North Atlantic Constr. Co., $2,528,633, unit price.

★**Pa., Westmoor** (Kingston P. O.)—Boro. Council let contract building sewer in 4th Ward, to Davis and Parry, Dorranceton, $45,890.

N. C., Statesville—City received bids Nov. 12, laying 33,000 ft. sewers and watermains in various streets, from H. H. Abee, Hickory, N. C., $28,950; Dysard Constr. Co., Austell Blk., Atlanta, Ga., $29,-785; A. H. Guion, Gastonia, N. C., $32,500.

★**Mich., Detroit**—Dept. Pub. Wks. let contract building lateral sewers Nos. 3181, 3192, 3205 and 3232, to Wenzel Constr. Co., 54 Buhl Blk., $9755, $17,185, $34,364 and $8012, respectively; No. 3200, to Lennane & McIlvenna, 1205 Book Bldg., $6685; No. 3233 to N. Mancini, 256 Hague Ave., 9555. Nceted Nov. 27.

Ia., Des Moines—City received bids Nov. 14, building (a) Sect. No. 1, South Side Sewer, involving 159,266 ft. 10-24 in. vitr. pipe sewer, (b) Sect. No. 2, South Side Sewer, 31,856 ft. 10-27 in. vitr. pipe sewer, 400 ft. 36 in. segmental block and two unit electrically operated centrifugal pumping plant, (c) Woodland Ave. Storm Sewer, 630 ft. 15 and 18 in. vitr. pipe sewer, 2970 ft. 30 in. rein.-con. pipe and 1400 ft. 36 in. segmental block, (d) Waveland Park Sanitary Sewer, 14,000 ft. 10 in. vitr. pipe sewer, from O. P. Herrick, 704 Observatory Bldg., (a) $393,387, (b) $183,732; Mereno Burkham Co., St. Louis, Mo., (a) $395,378; Empire Constr. Co., 209 Flynn Bldg., (a) $410,906, (c) $40,750; Alexander & Higbie, 2733-6th Ave., (b) $178,347, (d) $38,501; Nat. Constr. Co., Davenport, (b) $178,942; G. F. Lambert, 405 Utica Bldg., (c) $39,-800; Lytton Constr. Co., Des Moines, (c) $40,500; J. Hansmann & Sons, 48th St., (d) $34,178; Johnson Bros., Des Moines, (d) $34,209.

★**Minn., Redwood Falls**—See "Waterworks."

★**Neb., Ord**—City let contract installing 11,750 ft. sewers in various streets, to Hammen Kruse-Constr. Co., Spencer, Ia. About $97,000.

★**Ore., Bend**—City Council let contract building West Central Sewerage System, to United Contg. Co., Northwest Bank Bldg., Portland, $13,501.

Ore., Portland—City Council received bids building sewers in (a) East 71st and Pacific Sts., (b) East 47th St. and private property, (1) cement, (2) vitr., from Azar & Co., (a1) $6555, (b1) $5016; Mehemarle & Co., (a2) $5546; Finnigan & Williams, (a1) $5525; Jacobsen-Jensen Co., (b1) $5675; J. Keating, (b) $6080. Contractors all of Portland.

★**Ont., Toronto**—City let contract building 1770 ft. 5 ft. storm overflow brick sewer in College St. from Beatrice St. to Palmerston Ave., to T. C. Agnew, 350 College St., $35.50 per ft., total cost, $63,-000; 2830 ft., 4 ft. in College St. from Palmerston Ave. to Spadina St., to J. Maguire, 265 Russell Hill Rd., $28.85 per ft., total, $82,000.

★**B. C. South Vancouver**—City Council let contract building 32,060 ft., 12 in. monolithic sewer, in Kerr Rd., Collingwood East Dist., to A. J. McDonald, Vancouver, $14,343.

Bridges

PROPOSED WORK

Conn., New Haven—City soon receives bids building 154 ft. bridge, over Quinnipiac River, on Middletown Ave., 31 ft. wide, to include one 40 ft. and two 52 ft. spans deck plate girders encased in concrete with rein.-con. roadway slab, sidewalk slab and fence, brownstone facing on piers, abutments and retaining walls, 4 ft. above high tide. About $80,000 appropriated for project. Former bids rejected. F. L. Ford, city engr.

S. C., Saluda—Saluda Co. soon lets contract building 18 ft., 25 ft. and two 30 ft. span bridges, one 6 x 6 ft. and one 10 x 6 ft. rein.-con. culvert, involving 246 cu. yd. rein.-con., 372 cu.yd. concrete and 12¼ tons steel. About $22,000. State Highway Dept., Columbia, engrs.

O., Bellaire—Comrs. Belmont Co. (St Clairsville) having plans prepared building concrete bridge over McMahon's Creek, here. About $20,000. L. Darrah, St. Clairsville, engr.

Ia., Manchester—Delaware Co. soon lets contract building 168 ft. bridge, 45 ft. wide, to have two 80-ft. rein.-con. span arches, 33-ft. roadway, two 6-ft. walks and 4 retaining walls, varying from 25-45 ft. long. About $40,000. H. Klaus, co. engr. Noted Nov. 20.

Kan., Independence—See "Streets & Roads."

Kan., Winfield—See "Streets & Roads."

Utah, Parleys Canyon—Comrs. Salt Lake Co. plan to build rein.-con. memorial bridge. About $250,000. G. G. Bywater, 518 E St., Salt Lake City, engr.

Wash., Cashmere—Comrs. Chelan Co. (Wenatchee) soon let contract building 500 ft. concrete bridge, consisting of five 100 ft. spans, over Wenatchee River, near here, involving 1825 cu.yd. concrete, 80,600 lbs. steel and 2000 cu.yd. earth approach and fill. F. M. Berry, Wenatchee, engr.

Cal., Red Bluff—Tehama Co. plans to build rein.-con. bridges over Thomes Creek, cost, $81,000; Mill Creek, $30,000; Deer Creek, $54,000; Red Bank Creek, $30,000; Brewery Creek, $10,000; south fork of Reed Creek, $3400; Dry Creek, $5000; Antelope Creek, $8900; Dye Creek, $11,500; north fork of Mill Creek, $9000; slough between Tehama and Los Molinos, $19,000; Singer Creek, $16,000; steel bridges over south fork of Battle Creek, $5000; Sacramento River, between Vina and Corning, $150,000.

Ont., London——London & Portland Stanley Ry. Co., Phillip St., plans to build bridge over Kettle Creek. About $11,000. J. E. Richards, Phillip St., ch. engr.

BIDS DESIRED

N. J., Newark—Until Dec. 16, by I. L. Raymond, dir. Dept. Streets and Public Impvt., building 2 plate girder bridges over Morris Canal at Heller Parkway, 46 ft. long, 20 ft. roadway, involving 1130 cu. yd. 1-5 in. concrete and 6781 cu.yd. earth filling.

N. J., Trenton—Until Dec. 9, by Freeholders Mercer Co. building bridges Nos. 421.1 and 423.1, 15 ft. rein.-con. spans, 30 ft. roadway, Ewing Twp. About $10,000. H. F. Harris, co. engr.

Pennsylvania—Until Dec. 16, by State Highway Dept., Harrisburg, building bridges in following counties:

Armstrong Co., superstructure for 1 deck plate girder highway bridge, 48 ft. center to center bearings, 18 ft. center to center outside girders, Route 69, Parks and Gilpin Twps.

Berks Co., 1 plate girder highway bridge, 79 ft. center to center bearings, 25 ft. center to center girders, Route 147, Union Twp.

Bucks Co., 1 plate girder highway bridge, 62 ft. center to center bearings, 25 ft. center to center girders, 1 plate girder highway bridge, 74 ft. center to center bearings, 25 ft. center to center girders, Route 150, Falls Twp.

W. Va., Wayne—Until Dec. 8, by F. H. Fry, clk, Wayne Co., building 3 sets of bridge abutments on Project G-1, known as Upper Workman, Lower Workman and Sidney Booth Bridge sites, involving 1700 cu.yd. stone masonry. About $23,000. H. A. Livering, Wayne, engr.

Ill., Findlay—Until Dec. 10, by town, building bridge between Sullivan Twp., Moultrie Co. and Okaw and Windsor Twps., Shelby Co., to have two 120 ft. spans on center line, 18 ft. roadway, 32 ft. abutments, 34 ft. pier, involving 843 cu.yd. concrete, 46,140 lb. reinforcing steel. About $37,800. T. C. Fleming, Sullivan, supt. highways, Moultrie Co.

Bridges (Continued)

Minn. Roseau—Until Dec. 10, by Auditor Roseau Co., building one 132 ft. 4 span and one 99 ft. 3 span bridge over Roseau River, plank floors with steel I beams and channels for floor joists, timber pile and timber crib foundation. About $16,000. V. B. Chapin, Roseau, engr.

Neb., Meadville—Until Dec. 20, by R. M. Herre, clk., Brown Co., (Ainsworth) building 200 ft. bridge here, 16 ft. wide, for Brown and Keyapaha Counties, to have two 100 ft. steel spans on two 42 in. tubular piers at center, concrete abutments, involving 988 lin.ft steel piling. About $20,000. G. E. Johnson, Lincoln, state engr.

Tex., Aspermont—Until Dec. 15, by T. B. Hardin, judge Stonewall Co., building 160 ft. steel truss span bridge, over Salt Fork of Brazos River, 18 ft. wide, to include rein.-con. pier, plain concrete abutment and wooden flooring. Work involves 13,500 ft. B. M. creosoted timber, 1808 lb. reinforcing steel, 68,775 lb. structural steel, 500 lin.ft. wooden piling, 4 cu.yd. class A, 30 cu.yd. class B and 21 cu.yd. class C concrete. About $10,000. F. L. Hargett, Haskell, engr.

Wash., Cashmere—Until Dec. 22, by Comrs. Chelan Co., (Wenatchee), building 500 ft. concrete bridge over Wenatchee River, consisting of 5 concrete arches with concrete retaining walls, involving 1820 cu. yd. concrete and 80,600 lb. steel. F. M. Berry, Wenatchee, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Pa., Media—Comrs. Delaware Co. let contract building concrete bridge over Naylors Run, on Marshall Rd., Upper Darby Twp., to J. J. Skelly, Middletown. About $11,700.

★Md., Pocomoke City—State Rds. Comn., 601 Garrett Bldg., Baltimore, let contract building 275 ft., concrete bridge, 24 ft. wide, over Pocomoke River, Somerset and Worcester counties, Contr. S-11, to Fisher & Carozza, 805 Calvert Bldg., Baltimore, cost, $67,153; superstructure of lift bascule span of above bridge, double leaf, clear span between fenders 65 ft., clear roadway between curbs 24 ft., Contr. S-11A, to Strobel Street Constr. Co., 1744 Monadock Bl., Chicago, $26,442. Noted Oct. 30.

★Ga., Camilla—Bd. Comrs. Mitchell Co. let contract building 7 bridges and 3 concrete culverts, involving 287 cu.yd. class A and 118 cu.yd. class B concrete, 180 cu.yd. excav. and 29,579 lb. steel, to A. E. Itner & Co., Albany, $15,700.

★Ia., Elkader—A. H. Andreae, engr. Clayton Co., let contract building 175 ft. pin connected truss bridge, 18 ft. wide, to Pittsburgh-Des Moines Steel Co., Des Moines. About $32,900. Noted Nov. 6.

★Kan., Independence—Comrs. Montgomery Co. let contract building 150 ft. deck girder bridge, with 4 spans, 18 ft. roadway, 205 ft. deck girder, 5 spans, 20 ft. roadway and 35 ft. through girder, 18 ft. roadway, to Western Bridge Co., Harrisonville, Mo., $36,991. Work involves 495 cu.yd. rein.-con., 500 cu.yd. concrete and 44 tons steel.

★Kan., Oswego—Comrs. Labette Co. let contracts to M. E. Gillioz, Monnett, Mo., building 6 bridges on Sect. E Federal Aid Project No. 2, involving 809 cu.yd. rein.-con., 749 cu.yd. concrete, 63 tons steel and 1526 cu.yd. earth excav., cost $35,000; bridges and culverts, Sects. C and D, Federal Aid Project No. 2, 1511 cu.yd. rein-con., 22¼ tons steel and laying 3836 ft. rein.-con. pipe, $34,103.

★B. C., Squamish—A. F. Proctor, engr., c/o Dept. Rys., Victoria, let contract to Canadian Bridge Co., Walkerville, erecting 1160 ft. steel viaduct over Deep Creek for Pacific Great Eastern Ry., Victoria. About $330,000.

Streets and Roads

PROPOSED WORK

N. J., North Bergen—Town plans to curb, flag and install sanitary sewers in Townsend St. About $10,000.

Pa., Harrisburg—City having plans prepared by M. B. Cowden, city engr., paving Cameron, Herr, 19th and Front Sts., Bellevue Rd. and other short sections. About $50,000.

Md., Baltimore—Bd. Awards soon lets contract paving 290 ft. 39th St. from Canterbury Rd. east and 300 ft. Cloverhill Rd. from point 337 ft. north of 39th St. to Mallory Lane, 40 ft. wide, 6 in. concrete. J. F. Wieghardt, city engr.

Virginia—State Highway Comn., Richmond, plans to build Richmond-Petersburg Rd., cost $330,000; Courtland-Franklin Rd., $90,000; Lebanon Church-Toano Rd., $250,000; Williamsburg-Toano Rd., $70,000; Williamsburg-Jamestown Rd., $10,000; Hampton-New Port News Rd., $6000; Flemings Corner-Virginia Beach Rd., $180,000; Wilroys-Norfolk Rd., $224,700.

W. Va., Beckley—Raleigh Co. voted $147,000 bonds to grade and drain Clear Fork Rd.

W. Va., Charleston—City soon lets contract grading, re-surfacing and re-paving 50,000 sq.yd. roads, asphalt. E. Bruce, city engr.

W. Va., Louisburg—Greenbrier Co. plans election to vote on $43,000 bonds to grade and drain roads in Frankford Dist.

W. Va., Petersburg—Grant Co. soon lets contract building 3 mi. road. D. P. Hendrickson, clk.

Ga., Carrollton—Comrs. Carroll Co. having plans prepared and receive bids about Jan. 1, building 115 mi., sand clay road. About $500,000. J. L. Zachery, 210 Spring St., Atlanta, engr.

Ga., Madison—City soon lets contract for 29,000 sq.yd. pavement, 6000 sq.yd. excav., 18,000 lin.ft. granite curb, etc. About $100,000. Solomon-Norcross, Candler Bldg., Atlanta, Ga., engrs.

Ala., Selma—City soon lets contract paving Selma Ave. from Lauderdale to King Sts., vitr. brick on concrete base. W. O. Crisman, city engr.

Miss., Vicksburg—Warren Co. voted $500,100 bonds to build roads. Noted Aug. 21.

O., Cincinnati—City plans to pave with granite blocks (using old granite blocks as far as possible), reset old and cut new granite curb on 3940 ft. Freeman Ave. from Kerner to Central Sts., 36 ft. wide, cost $105,416; pave with rein.-con. and build concrete combined curb and gutter on 950 ft. Verdin Ave. from Boudinot to Epworth Aves., 24 ft. wide, $12,098. F. Krug, city engr.

O., Cleveland—Cleveland Land Sales Co., 510 Erie Bldg., receives bids about spring, grading and building sandstone sidewalk on Riverside Drive and Brookpark Rd. About $18,000. A. Weston, mgr.

O., Cleveland—Cuyahoga Co. receives bids about Apr. 10, grading and paving Lloyd Rd. from Lake Shore Blvd. to county line, vitr. brick on concrete base. About $90,000. W. A. Stinchcomb, co. engr.

Ill., Mt. Vernon—City plans to pave 40 blocks and build 1 mi. sewers. About $200,000.

Ill., Rockford—City plans to pave with vitr. brick and construct concrete gutters on portions of Market, North 1st, North 2nd, North 3rd and North 4th Sts., 3600 ft. long, 40 ft. wide, cost $65,100; macadamize and gutter with concrete portions Catherine and Magnolia Sts., 1500 ft. long, 35 ft. wide, $14,200; pave and curb with concrete, 10th and Woodruff Aves., 2800 ft. long, 35 ft. wide, $36,800. C. E. Hand, city engr.

Wisconsin—State Highway Comn., Madison, having plans prepared and receives bids about January 1, grading, draining, and surfacing 6 mi. Trunk Highway No. 13, Adams-Kilbourn Rd., clay, cost, $42,000, Trunk Highway No. 13, Kilbourn-Friendship Rd., clay, $45,000, Adams Co.; Trunk Highways Nos. 10 and 13, Sanborn and Ashland Jct. Rds., 18 ft. wide, concrete and sand-clay, $60,000, Ashland Co.; Trunk Highway No. 14, Barron-Poskin Rd., $45,000, Trunk Highway No. 14, Canton-Chetek Rd., $30,000, Barron Co.; new State Trunk Highway No. 10, Ashland-Iron River Rd., $171,000, Bayfield Co.; State Trunk Highway No. 15, Green Bay-Oconto Rd., 18 ft. wide, concrete, $90,000, Brown Co.; Trunk Highway No. 37, Alma-Mondovi Rd., 16 ft. wide, concrete, $66,000, Buffalo Co.; State Trunk Highway No. 35, Sirem-Webster Rd., $60,000, Burnett Co.; Trunk Highway No. 48, Chilton-Hilbert Jct. Rd., 18 ft. wide, concrete, $162,000, Calumet Co.; Trunk Highway No. 64, Cornell-Bloomer Rd., 15 ft. wide, gravel, $30,000, Chippewa Co.; State Trunk Highway No. 18, Neillsville-Humbird Rd., $24,000, Trunk Highway No. 16, Owen-Abbotsford Rd., 15 ft. wide, gravel, $21,000, Trunk Highway No. 13, Abbotsford-Medford Rd., gravel or granite, $30,000, Clark Co.; Trunk Highway No. 29, Portage-Columbus Rd., gravel or top soil, $81,000, State Trunk Highway No. 10, Madison-Portage Rd., $42,000, Columbia Co.; Trunk Highway, Wauzeka-Prairie du Chein Rd., $90,000, Crawford Co.; Trunk Highway No. 19, Watertown Plank Rd., 18 ft. wide, concrete, $54,000, Trunk Highway, Horicon-Beaver Dam Rd., 18 ft. wide, concrete, $234,000, Dodge Co.; Trunk Highway, Green Bay-Sturgeon Bay Rd., stone and gravel, $75,000, Door Co.; Trunk Highway No. 11, Superior-Solon Springs Rd., 18 ft. wide, concrete, $150,000, Douglas Co.; Trunk Highway, Menomonie-Hudson Rd., $48,000, Trunk Highway No. 12, Menomonie-Eau Claire Rd., 18 ft. wide, concrete, $90,000, Dunn Co.; Trunk Highway No. 11, Birch St., 20 ft. wide, concrete, $18,000, Trunk Highways Nos. 11 and 12, Eau Claire-Osseo Rd., 18 ft. and 24 ft. wide, concrete, $72,000, Eau Claire Co.; Trunk Highway No. 15, Fond du Lac-Milwaukee Rd., 18 ft. wide, concrete, $114,000, Fond du Lac Co.; Trunk Highway No. 14, Crandon-Laona Rd., $30,000, Forest Co.; Trunk Highway No. 28, Platteville-Dubuque Rd., $36,000, Trunk Highway No. 30, Boscobel-Fennimore Rd., 18 ft. wide, concrete, $60,000, Grant Co.; Trunk Highway No. 42, Monroe-Monticello Rd., $180,000, Trunk Highway No. 42, Monroe-Monticello Rd., $57,000, Green Co.; Trunk Highway No. 49, Berlin-Auroraville Rd., gravel, $9000, Green Lake Co.; Trunk Highway No. 19, Madison-Dodgeville Rd., $75,000, Iowa Co.; Trunk Highway No. 10, Hurley-Mercer Rd., $30,000, Iron Co.; Trunk Highway No. 19, Watertown Plank Rd., 18 ft. wide, concrete, $57,000, Trunk Highway No. 19, Watertown Plank Rd., 18 ft. wide, concrete, $42,000, Jefferson Co.; Trunk Highway No. 12, Adams and Bridge Sts., 18 ft. wide, concrete, $30,000, Trunk Highway No. 21, New Lisbon-Necedah Rd., top soil or clay, $30,000, Trunk Highway No. 71, Mauston-Elroy Rd., $30,000, Juneau Co.; Geneva Rd., 18 ft. wide, concrete, $120,000, Kenosha Co.; Green Bay-Sturgeon Bay Rd., 15 ft. wide, gravel, $33,000, Kewaunee Co.; Trunk Highway No. 21, La Crosse-Sparta Rd., 18 ft. wide, concrete, $99,000, Trunk Highway No. 21, La Crosse-Sparta Rd., tarbound macadam, $57,000, La Crosse Co.; State Trunk Highway No. 62, Darlington-Hicks Corner Rd., $78,000, Trunk Highway No. 20, Schullsburg-Benton Rd., $30,000, Lafayette Co.; Antigo-Merrill Rd., $45,000, Langlade Co.; Trunk Highway No. 10, Merrill-Tomahawk Rd., Federal Aid Project No. 23, $48,000, Merrill-Medford Rd., $42,000, Lincoln Co.; Trunk Highway No. 17, Manitowoc-Two Rivers Rd., 18 ft. wide, concrete, $54,000, Trunk Highway No. 17, Manitowoc-Sheboygan Rd., 18 ft. wide, concrete, $132,000, Manitowoc Co.; Pembine-Iron Mountain Rd., $48,000, Marinette Co.; Trunk Highway No. 23, Montello-Oxford Rd., $42,000, Marquette Co.; Trunk Highway No. 74, Fox Point-Brown Deer Rd., 18 and 20 ft. wide, concrete, $150,000, Milwaukee Co.; Trunk Highway No. 21, La Crosse-Sparta Rd., 18 ft. wide, concrete, $24,000, Sparta-Black River Falls Rd., $78,000, Monroe Co.; Trunk Highway No. 15, Green Bay-Stiles Jct. Rd., 15 ft. wide, gravel, $51,000, Oconto Co.; Trunk Highway No. 63, Rhinelander Eagle River Rd., gravel, $39,000, Oneida Co.; Lake Shore Rd., $90,000, Ozaukee Co.; Trunk Highway No. 25, Durand-Alma Rd., shale or gravel, $19,200, Trunk Highway No. 34, Mondovi-Durand Rd., shale or gravel, $13,500, Pepin Co.; Trunk Highway No. 45, Ellsworth-River Falls Rd., 15 ft. wide, gravel, $105,000, Pierce Co.; Trunk Highway No. 14, St. Croix Falls-Barron Rd., $63,000, Trunk Highway No. 46, Amery-Balsam Lake Rd., $36,000, Polk Co.; Trunk Highway No. 18, Stevens Point-Marshfield Rd., 18 ft. wide, concrete, $60,000, Portage Co.; Fifield-Radisson Rd., $48,000, Price Co.; Trunk Highway No. 58, Cazenovia Bridge, (concrete) and its approaches, $24,000, Trunk Highway No. 11, Richland Center-Boaz Rd., $54,000, Richland Co.; Trunk Highway No. 14, Glen Flora-Tony Rd., $9000, Trunk Highway No. 14, Ladysmith-Bruce Rd., $42,000, Rusk Co.; Trunk Highway No. 12, Hudson-Eau Claire Rd., $45,000, Trunk Highway No. 12, Hudson-Menomonie Rd., 18 ft. wide, concrete, $90,000, St. Croix Co.; Trunk Highway No. 33, Reedsburg-La Valle Rd., gravel, $33,000, Trunk Highway No. 12, Kilbourn-Mauston Rd., gravel or top soil, $12,000, Trunk Highway No. 65, Baraboo-Portage Rd., bituminous macadam, $45,000, Sauk Co.; Trunk Highway No. 16, Shawano-Wittenberg Rd., $61,500, Trunk Highway No. 47, Shawano-Appleton Rd., 15 ft. wide, gravel, $63,000, Shawano Co.; Trunk Highway No. 17, Lake Shore Rd., 18 ft. wide, concrete, $120,000, Sheboygan Co.; Medford-Cornell Rd., $36,000, Trunk Highway No. 13, Phillips-Medford Rd., 15 ft. wide, gravel, $24,000, Taylor Co.; Trunk Highway No. 11, Whitehall-Ettrick Rd., 16 ft. wide, gravel, $120,000, Trempealeau Co.; Trunk Highways Nos. 11 and 27, Viroqua-Prairie du Chein Rd., 18 ft. wide, concrete, $90,000, Vernon Co.; Woodruff-Fifield Rd., $60,000, Trunk Highway No. 32, Eagle River-Woodruff Rd., $60,000, Vilas Co.; Trunk Highway, Minong-Hayward Rd., $78,000, Trunk Highway No. 24, Spooner-Hayward Rd., $37,500, Washburn Co.; Trunk Highway No. 15, West Bend-Milwau-

Streets and Roads (Continued)

kee Rd., 18 ft. wide, concrete, $57,000, Washington Co.; Trunk Highway No. 19, Milwaukee-Madison Rd., 18 ft. wide, concrete, $93,000, Trunk Highway No. 15, Milwaukee-Fond du Lac Rd., 18 ft. wide, concrete, $66,000, Waukesha Co.; Trunk Highway No. 18, Waupaca-Weyauwega Rd., 18 ft. wide, concrete, $151,500, Trunk Highway No. 18, Fremont Bridge, $75,000, Waupaca Co.; Trunk Highway No. 49, Berlin-Auroraville Rd., $45,000, Trunk Highway No. 10, Portage-Stevens Point Rd., $18,000, Waushara Co.; Trunk Highway No. 15, Oshkosh-Appleton Rd., 18 ft. wide, concrete, $207,000, Winnebago Co. Counties and Federal Government will appropriate toward cost.

Wis., Waupun—City receives bids in spring curbing and guttering 9 mi. various streets, concrete. About $30,000. Parsons & Orbert, 627 M. & M. Bank Bldg., Milwaukee, engrs.

Wis., Waupun—City receives bids in spring paving 45,000 sq.yd. various streets, bitulithic. About $100,000 Parsons & Orbert, 627 M. & M. Bank Bldg., Milwaukee, engrs.

Ia., Hartley—City having plans prepared and receives bids in January, improving various streets, involving 20,000 sq.yd. pavement and 10,000 ft. concrete curb and gutter. H. R. Green, Union Blk., Cedar Rapids, engr.

Ia., Strawberry Point—City had plans prepared and receives bids in January improving various streets, involving 38,000 sq. yd. pavement and 17,000 ft. concrete curb and gutter. H. R. Green, Union Blk., Cedar Rapids, engr. Noted July 10.

Ia., Winfield—City retained H. R. Green, engr., Union Blk., Cedar Rapids, to prepare plans for paving 2 mi. various streets.

Minn., Duluth—W. H. Borgen, aud. St. Louis Co., soon lets contract for subgrade construction on State Rd. No. 1 as follows: 10 mi. State Job No. 1903, Div. No. 1, involving 55.6 acres clearing, 54.3 acres grubbing, 85,269 cu.yd. excav., 290,733 cu.yd. overhaul, 30,316 cu.yd. ditching, Bridge No. F-7-3-1, 100 ft. steel span, Bridge F-7-3-2, 16 ft. concrete slab and Bridge No. G-7-34-1, 40 ft. steel span, cost $80,000; 15 mi. State Job No. 1903, Div. No. 2, 77.8 acres clearing, 73.5 acres grubbing, 170,588 cu.yd. excav., 308,774 cu.yd. overhaul, 23,423 cu.yd. ditching, Bridge No. H-7-4-1, 150 ft. steel span, $150,000; 9.3 mi. State Job No. 1904, 56.87 acres clearing, 48.69 acres grubbing, 127,216 cu.yd. excav., 344,888 cu.yd. overhaul, 13,587 cu.yd. ditching, Bridge No. D-7-26-1, 250 ft. steel deck bridge consisting of 2 main 95 ft. spans and two 30 ft. I-beam approach span, Bridge No. D-7-23-1, 40 ft. concrete girder, Bridge No. D-7-14-1, 35 ft. concrete girder, Bridge D-7-14-2, 30 ft. concrete girder, Bridge E-7-35-1, 30 ft. concrete girder, Bridge E-7-26-1, 12 ft. concrete slab, cost $105,000; all 24 ft. wide. R. W. Acton, co. engr.

Minn., Ellsworth—City preparing plans paving various streets, 18 ft. wide. About $70,000. Druar & Smith, Globe Bldg., St. Paul, engrs.

Minn., Fairmont—H. C. Nolte, aud. Martin Co., rejected bids received Oct. 15, grading and graveling 5.5 mi. Federal Aid Project No. 71, 24 ft. wide, involving 44,303 cu.yd. excav., 3080 lin.ft. guard rail, culverts, 40 ft. rein.-con. bridge, etc., cost $25,000; 4.6 mi. Federal Aid Project No. 72, 24 ft. wide, 46,720 cu.yd. excav., culverts, etc., $24,000. Work will be readvertised.

Minn., Minneapolis—Bd. Park Comrs. having plans prepared building cement sidewalks between Shingle Creek and Lyndale Ave., also concrete foot bridge over Shingle Creek and suspended walk under Lyndale Bridge. About $128,000.

Minn., Minneapolis—Dakota Co. (South St. Paul) and Hennepin Co. (Minneapolis) having surveys made for grading and graveling 3.8 mi. Lyndale Ave., 24 ft. wide, involving 282,338 cu.yd. excav., 91,800 cu. yd. side excav., etc. About $200,000. E. E. Terrell, Minneapolis, co. surv.

Minn., Minneapolis—Hennepin Co. having surveys made for paving 5 mi. Excelsior Ave., 24 ft. wide, concrete or vitr. brick. About $125,000. E. E. Terrell, co. surv.

Kan., Ft. Scott—Bourbon Co. having plans prepared paving, grading and building bridges on 9.18 mi. Kansas City Rock Rd., Federal Aid Project No. 5, 16 ft. wide, bituminous macadam. About $250,000. B. Boyle, Ft. Scott, engr.

Kan., Independence—Comrs. Montgomery Co. soon let contract gravel surfacing, grading and building bridges and culverts on 9½ mi. Ozark Trail, Federal Aid Project No. 23, Sect. A, 16 ft. wide. About $190,000. H. K. Hibbard, Independence, engr.

Kan., Winfield—Cowley Co. having plans prepared building .9 mi. Alfalfa Rd., 16 ft. wide, gravel, also for necessary bridges and culverts on same. About $20,000. Rexroad Eng. Co., Hutchinson, engrs.

Missouri—State Highway Dept., Jefferson City, plans to build 11.1 mi. Tipton-Versailles Rd., 24 ft. wide, Morgan Co., involving 20,000 cu.yd. earth excav., 63,450 sq.yd. 10 in. gravel surfacing, 16 ft. wide, one 80 ft. rein.-con. bridge and 26 culverts, cost $46,123; 3.53 mi. DeSota-Potosi-Caledonia Rd., 24 ft. wide, Washington Co., 9257 cu.yd. earth and 692 cu.yd. rock excav., 33,497 sq.yd. gravel surfacing, 16 ft. wide, 18,646 lin. ft. grading and 12 culverts, $12,053.

Texas—State Highway Comn., Austin, soon lets contract paving 26.5 mi. Highway No. 4, Federal Aid Project No. 116, 20 ft. wide, bituminous macadam. Cost to exceed $50,000. R. J. Windrow, state highway engr.

Texas—State Highway Comn., Austin, soon receives bids surfacing 5.9 mi. Highway No. 3, Federal Aid Project No. 15, 20 ft. wide, gravel and bituminous macadam, Wharton Co. About $25,000. R. J. Windrow, state highway engr.

Texas—State Highway Comn., Austin, plans to surface 5.3 mi. Highway No. 32, Federal Aid Project No. 54, 20 ft. wide, gravel, Walker Co. About $20,000. R. J. Windrow, state highway engr.

Okla., Marlow—City having plans prepared paving principal streets, concrete, asphaltic concrete, rock asphalt, brick or sheet asphalt. About $30,000. G. L. Orr, clk. V. V. Long & Co., 1301 Colcord Bldg., Oklahoma, engrs.

Okla., Muskogee—Comrs. Muskogee Co. receive bids about Dec. 10, gravel surfacing 37 mi. Jefferson Highway, 18 ft wide. About $400,000. T. P. Clonts, Muskogee, engr.

Colorado—State Highway Comn., Denver, soon lets contract grading and draining 18 mi. road between Burlington and Idalia, Federal Aid Project No. 43, 24 ft. wide, Kit Carson Co., involving 44,500 cu.yd. common earth excav., 24,400 cu.yd. borrow fill, 11,800 cu.yd. overhaul, 682 lin.ft. 15 and 24 in. corrugated metal culverts, 102 cu.yd. concrete and two 30 ft. I-beam and one 40 ft. girder bridges, concrete abutments and floors, cost, $43,000; 7½ mi. between Wray and Idalia, Federal Aid Project No. 11, 24 ft. wide, Yuma Co., 41,000 cu. yd. common earth and 200 cu.yd. solid rock excav., 1850 cu.yd. borrow fill, 15,000 cu.yd. overhaul, 520 lin. ft. 15 and 18 in. corrugated metal culverts, 100 cu.yd. dry rubber retaining wall, $24,000. J. E. Maloney, state highway engr.

Colo., Denver—City receives bids in February paving 12 blocks Alley Paving Dist. No. 52, involving 10,445 sq.yd. 2 course concrete and 1100 cu.yd. common earth excav., cost, $24,164; 12 blocks Alley Paving Dist. No. 53, 9980 sq.yd. 2 course concrete and 1500 cu.yd. common earth excav., $23,753; 12 blocks Alley Paving Dist. No. 54, 9035 sq.yd. 2 course concrete and 900 cu.yd. common earth excav., $20,761; 12 blocks Alley Paving Dist. No. 55, 13,219 sq.yd. 2 course concrete and 1700 cu.yd. common earth excav., $31,750; 12 blocks Alley Paving Dist. No. 56. 12,982 sq.yd. 2 course concrete and 1500 cu.yd. common earth excav. $31,301. All 16 ft. wide. J. B. Hunter, city engr.

Utah, Provo—City Council passed ordinance to pave, curb and gutter 3rd South St. About $96,000. C. A. Swan, city engr.

Oregon—State Highway Comn., Portland, received no bids graveling 2.5 mi. Canyon Sect. Baker-Cornucopia Highway, Baker Co., involving 5200 cu.yd. gravel. About $10,000. H. Nunn, Salem, state highway engr.

Ore., Astoria—Clatsop Co. having preliminary plans prepared for road from McEachern shipyard to Olney Rd. at Williamsport, cost $50,000; 3.25 mi. Upper Lewis-Clark River Rd., $50,000. J. C. Clinton, clk.

Ore., North Bend—Coos Co. Good Rds. Advisory Com. plans election to vote on $1,250,000 bonds to build, grade and hard surface roads. L. J. Simpson, Astoria, member of com.

Ore., Portland—City plans to pave and build concrete curbs on East 11th St. from East Davis to East Flanders Sts., cost, $2903; curbing, paving and building sidewalks on Jessup St., $6135; improve East Sherman St. from East 34th St. to east line of Stratford-Sydney Addition, $1998; also lay sewers in Bybee Ave. from point 40 ft. west of 41st St. S. E. to east line of Eastmoreland St., $2499; Grand Ave. from point 30 ft south of Albert St. to Wygand St., $1137 and in East 20th St. from point 50 ft. south of Stanton St. to Knott St., $950. O. Laurgaard, city engr.

Ore., Prineeville—Crook Co. votes $220,000 bonds to build, hardsurface and improve roads.

Ore., The Dalles—City Council plans to pave with bitulithic on macadam or concrete base, Elm St. from east line of Kelly Ave. to west line of I St. and Kelly Ave. from east end of pavement on Class St. to south line of Elm St. P. W. Marx, city engr.

California—State Highway Dept. plans to build Sky Line Blvd. between San Francisco and Glenwood, 60 mi. long. About $1,650,000.

Cal., Oakland—City plans to improve 1688 ft. Fruitvale Ave. between East 14th St. and Foothill Blvd., involving 88,962 sq.ft. grading, 3377 lin.ft. concrete curbing, 5312 sq.ft. brick guttering, 9294 sq.yd. asphalt, 940 lin.ft. 10-12 in. pipe conduit. About $36,000. M. Campbell, city engr.

Cal., San Luis Obispo—Bd. Supervs. San Luis Obispo Co. having preliminary plans made for grading and hard surfacing 20 mi. Santa Margarita-Pozo Rd., 20 ft. wide, Santa Margarita Co. About $100,000. W. Burch, co. engr.

N. B., Woodstock—Town plans to improve various streets. About $50,000.

Ont., Preston—City plans to pave 2 mi. automobile drive and bridle path in Speed Park, asphalt on concrete base. Plans include soldiers' memorial gate. About $25,000. Address Park Comn.

BIDS DESIRED

Massachusetts—Until Dec. 9, by state Highway Comn., Boston, building 34,000 ft. bituminous macadam road, 18-24 ft wide, Groton Twp. A. W. Dean, state highway engr.

New York—Until Dec. 9, by State Highway Comm., 53 Lancaster St., Albany, improving roads in following counties:

Saratoga Co., 6.1 mi. Rexford Flats-Wait Corners-Groom Corners, Rd. No. 1117, bituminous macadam, penetration method, involving 13,000 cu.yd. earth and 1600 cu.yd. rock excav., 6526 cu.yd. field or quarry stone, etc., cost $99,107;

Yates Co., 9.63 mi. Rushville-Potter-Middlesex-Overacker Corners, Rd. No. 1352, waterbound macadam surface treatment, 20,000 cu.yd. excav., 35 cu.yd. concrete, 5280 sq.yd. cobble gutters, 5880 cu. yd. top course waterbound macadam, $140,292;

Ulster Co., Rosendale Village, Rd. No. 1419, 2.35 mi cement concrete and .82 mi. waterbound macadam, cold tar, 6180 cu.yd. earth excav., 286 cu.yd. concrete, 1600 sq. yd. cobble gutter, 3270 cu.yd. cement concrete pavement, $84,356;

Oswego Co., 6.36 mi. Rd. No. 1428, bituminonus macadam, penetration method, 20,662 cu.yd. earth and 593 cu.yd. rock excav., 40 cu.yd. concrete, 2190 sq.yd. cobble gutters, 4317 cu.yd. broken stone, 2641 cu.yd. bituminous macadam, 87,728 gal. bituminous material, $99,070;

Broome Co., 5.35 mi. Maine-Glen Aubrey, Rd. No. 1449-A, cement concrete, 29,000 cu.yd. excav., 365 cu.yd. concrete, 14,950 bbl. Portland cement for pavement, 9340 cu.yd. concrete pavement, $225,983; 6.93 mi. Castle Creek-Whitney Point, Rd. No. 1450-A, 53,500 cu.yd. earth and 1200 cu.yd. rock excav., 470 cu.yd. concrete, 19,380 bbl. Portland cement, 12,100 cu.yd. concrete pavement, $305,473;

Rensselaer Co., 1.44 mi. Riders Mills-Brainerd, Rd. No. 1521, bituminous macadam, penetration method, 8000 cu.yd. earth and 1150 cu.yd. rock excav., 2550 cu.yd. field or quarry stone, 1100 cu.yd. bituminous macadam, 26,500 gal. bituminous material, $43,795, 1.27 mi. Oakwood Ave., Rd. No. 1527, 5000 cu.yd. earth excav., 155 cu.yd. concrete, 2110 cu.yd. cement concrete pavement, $42,056;

Saratoga Co., 4.17 mi. Malta-Bemis Heights, Rd. No. 1528, 38,000 cu.yd. excav., 640 cu.yd. concrete, 7460 cu.yd. cement concrete pavement, 1070 cwt. metal reinforcement, $176,694;

St. Lawrence Co., 3.64 mi. Massena-Winthrop Rd. No. 5641, 16,700 cu.yd. excav., 250 cu.yd. concrete, 9640 bbl. Portland cement, 6025 cu.yd. cement concrete pavement, $117,556;

Steuben Co., 2 mi. Canisteo-Whitesville, Rd. No. 5650, 13,000 cu.yd. earth excav., 55 cu.yd. concrete, 4800 cu.yd. field or quarry stone, 1565 cu.yd. bituminous macadam, 42,300 gal. bituminous material, $64,091;

Jefferson Co., 4.78 mi. Watertown-Phila., Rd. No. 5651, 19,800 cu.yd. earth and 500 cu.yd. rock excav., 835 cu.yd.

Streets and Roads (Continued)

concrete, 11,720 bbl. Portland cement, 7325 cu.yd. cement concrete pavement, $155,963; Wyoming Co., 6.99 mi. Bennington-Attica-Attica Center, Rd. No. 1267, water-bound macadam. F. S. Greene, comr.

N. Y., Rochester—Until Dec. 16, by E. S. Walsh, supt. pub. wks., Capitol, Albany, placing and compacting gravel surfacing and building frame freighthouse on terminal site here, Contr. 228. Work involves 150 cu.yd. excav., 45 cu.yd. 2nd class concrete, 4400 lb. iron castings, etc. About $14,444; advertised in this issue.

Pennsylvania—Until Dec. 16 by State Highway Dept., Harrisburg, for reconstruction of roads in following counties:

Allegheny Co., 10,452 ft. 1 course rein.-con., Route A-495, Forward Twp.

Armstrong Co., 10,610 ft. 1 course rein.-con., Route R-188, Kiskiminetas Twp.

Beaver Co., 5443 ft. 1 course rein.-con., Route A-340, North Sewickley Twp.; 13,592 ft. 1 course rein.-con and Hillside vitr. brick, Routes A-455 and A-431, Daugherty and New Sewickley Twps.; 12,062 ft. 1 course rein.-con and Hillside vitr. brick, Route R-78, Rochester and Daugherty Twps.; 5200 ft. 1 course rein.-con., Route R-76, Center Twp.

Berks Co., 29,100 ft. 1 course rein.-con., Routes R-284 and A-1031, Earl, Amity, Colebrookdale and Olev Twps.; 14,850 ft. 1 course rein.-con., Route R-141, Tilden and Upper Bern Twps.

Butler Co., 28,188 ft. 1 course rein.-con., Route R-309, Adams and Forward Twps.; 16,133 ft. 1 course rein.-con., Route R-251, Fairview Twp.; 31,663 ft. 1 course rein.-con., Route R-78, Conoquessing and Butler Twps.

Carbon Co., 23,420 ft. 1 course rein.-con., Route A-1012, Lehigh Twp.

Center Co., 1720 ft. 1 course rein.-con., Route R-27, Bellefonte Boro.; 5326 ft. vitr. brick, Route R-56, State College Boro.

Chester Co., 11,523 ft. 1 course rein.-con., Route A-650, London Britain Twp.

Clearfield Co., 39,911 ft. 1 course rein.-con., Route R-57, Wallaceton Boro., Boggs and Bradford Twps.

Crawford Co., 18,514 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-89, East Mead Twp.

Delaware Co., 10,700 ft. 1 course rein.-con., Route A-717, Thornbury Twp.

Elk Co., 7543 ft. 1 course rein.-con., Route R-97, Ridgway Boro.; 3169 ft., 1 course rein.-con., Route R-99, St. Mary's Boro.; 25,563 ft. 1 course rein.-con., Route R-59, Horton and Ridgway Twps.

Erie Co., 10,600 ft. 1 course rein.-con., Route Auth-398, Mill Creek Twp.; 21,268 ft., 1 course rein.-con., Route R-295, Girard Twp. and Platea Boro.; 21,109 ft. 1 course rein.-con., Route R-88, Greene Twp.

Fayette Co., 960 ft. 1 course rein.-con., Route A-874, Fayette Boro.; 9424 ft. 1 course rein.-con., Route R-117, Bullskin and Upper Tyrone Twps.; 5475 ft. 1 course rein.-con., Route R-363, Henry Clay Twp.; 20,995 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-117, Dunbar Twp.; 4889 ft. 1 course rein.-con. and Hillside vitr. brick Route A-1022, German Twp.; 15,323 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-288, Perry Twp

Greene Co., 10,620 ft. 1 course rein.-con., Route R-111, 12,581 ft. 1 course rein.-con., Route R-256. Center Twp.

Lawrence Co., 14,611 ft. 1 course rein.-con., Route R-233, Scott Twp.; 11,625 ft. 1 course rein.-con., Route R-265, North Beaver Twp.

Luzerne Co., 4231 ft. 1 course rein.-con., Route R-11, Dorranceton Boro.

Montgomery Co., 8596 ft., either bituminous surface course on concrete foundation, or 1 course rein.-con., Routes R-198 and A-943, Hatfield and Towamencin Twps.

McKean Co., 14,750 ft. 1 course rein.-con., Route R-210, Eldred Twp.

Northampton Co., 15,000 ft. 1 course rein.-con., Route A-1075, Palmer Twp.; 31,200 ft. 1 course rein.-con., Routes A-1082 and R-175, Allen and East Allen Twps.

Northumberland Co., 18,140 ft. 1 course rein.-con., Routes A-902 and R 182, Ralpho Twp.

Potter Co., 8358 ft., either bituminous surface course on concrete foundation or 1 course rein.-con., Route R-236, Shinglehouse Boro.

Somerset Co., 5900 ft. 1 course rein.-con., Routes R-52 and A-282, Jenner Twp.

Susquehanna Co., 3844 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-10 and A-976, Oakland Boro.

Tioga Co., 6280 ft. 1 course rein.-con., Routes R-103 and A-500, Westfield Boro.

Warren Co., 2080 ft. 1 course rein.-con., Route R-88, Warren Boro.; 12,142 ft. 1 course rein.-con., Route A-973-974, Tidioute Boro.; 41,349 ft. 1 course rein.-con., Route R-279, Farmington and Sugar Grove Twps.; 22,383 ft. 1 course rein.-con. and Hillside vitr. brick, Route A-154, Farmington and Pine Grove Twps.

Westmoreland Co., 9184 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-68, Salem and Unity Twps.; 32,047 ft. 1 course rein.-con. and Hillside vitr brick, Route R-68, Derry Twp.; 57,688 ft. 1 course rein.-con. and Hillside vitr. brick, Route R-69, Delmont Boro., Hempfield, Salem and Washington Twps.

W. Va., Wayne—Until Dec. 15, by Wayne Co. grading and draining 8 mi. Wayne-Ft. Gay Rd., involving 83,000 cu.yd. excav. About $110,000.

N. C., Greenville—Until Dec. 19, by Pitt Co. Highway Comn., building 13.94 mi. highways. J. B. Harding, c/o State Highway Dept., Raleigh, engr.; advertised in this issue.

South Carolina—State Highway Comn., Columbia receiving bids improving 16 mi. road from Union to Santuc, 18 ft. wide, Union Co. About $114,000.

South Carolina—Until Dec. 16, by State Highway Dept., Columbia, improving 6½ mi. Effingham Rd., Florence Co. About $216,000.

South Carolina—Until Dec. 11, by State Highway Dept., Columbia, improving 4½ mi. road, 18 ft. wide, Saluda Co. About $64,000.

Ga., Quitman—Until Dec. 9, by Comrs. Brooks Co., paving and draining 39,036 yd. Quitman-Morven Rd. About $150,000. Garrett & Slack, Bell Bldg., Montgomery, Ala., engrs.

Ga., Sylvester—Until Dec. 19, by Comrs. Worth Co., building 3.95 mi. Federal Aid Project No. 107. Work involves 37,333 sq.yd. paving. About $120,000. O. H. Lang, Moultrie, engr. Noted July 10.

Ga., Washington—Until Dec. 16, by Comrs. Wilkes Co., paving and draining 5.236 mi. Federal Aid Project No. 92, involving 49,652 sq.yd. pavement. Jandon Eng. Co., Elberton, engrs.

O., Cleveland—Until Dec. 19, by Comrs. Cuyahoga Co., building Pleasant Valley Rd., involving 24,000 cu.yd. grading. About $19,872. W. A. Stinchcomb, co. engr.

Michigan—Until Dec. 10 by F. F. Rogers, state highway engr., Lansing, grading, draining and surfacing with gravel, 7.411 mi. Assessment Dist. Rd. No. 265, 16 ft. wide, Bath, DeWitt and Lansing Twps., involving 69,000 sq.yd. class "B" gravel. About $80,000.

Ia., Odebolt—Until Dec. 9, by city, improving various streets, involving 130,000 sq.yd. concrete pavement and 70,000 lin. ft. concrete curb and gutter. About $170,000. W. E. Standevan, 423 Bee Bldg., Omaha, Neb., engr.

Minn., Henderson—Until Dec. 23, by Comrs Sibley Co., gravel surfacing 1 mi. Federal Aid Project No. 116, State Rds. Nos. 6 and 8, 24 ft. wide, involving 68,000 cu.yd. excav., 2000 cu.yd. riprap, 1755 cu. yd. loading and hauling, and 105 ft. portable culvrt pipe. About $20,000. S. F. Mullen, Gaylord, engr.

Kan., Independence—Until Dec. 9, by Comrs. Montgomery Co., grading, surfacing and building bridges and culverts on 2.246 mi. Cherryvale-Coffeeville Rd., Sect. B, Federal Aid Project No. 37, 18 ft. wide, gravel or macadam. About $50,000. H. K. Hibbard, Independence, engr.

Kan., Oswego—Until Dec. 12, by Comrs. Labette Co., building 23.42 mi. Sects. "C" and "D," Ozark Trail, Federal Aid Project No 2, 16 ft. wide, gravel. About $350,000. W. J. King, Oswego, engr. Noted Oct. 16.

Ark., Osceola—Until Dec. 16, by Dir. of Rd. Impvt. Dist. No. 1, Mississippi Co., at office of Pride & Fairley, engrs., Osceola, building roads and bridges within said district; advertised in this issue.

Tex., Cameron—Until Dec. 11, by Comrs. Milam Co., grading, gravel surfacing and draining 9.07 mi. Branchville-Port Sullivan Rd., 14 ft. wide, involving 7 acres clearing and grubbing, 18,491 cu.yd. earth excav., 43,198 lb. reinforcing steel, and 700 cu.yd. concrete. About $40,002. A. F. Mitchell, Cameron, engr.

Tex., Fredericksburg—Until Dec. 9, by A. H. Kneese, judge Gillespie Co., surfacing with crushed rock and gravel and building rein.-con. drainage structures on 17.617 mi. Highway No. 9 from here to Mason Co., 16 and 24 ft. wide. Work involves 64.2 acres clearing and grubbing, 66,575 cu.yd. earth excav., 681 cu.yd. rubble masonry or concrete, 21,805 lb. reinforcing steel, 172 cu.yd. class A, 209 cu.yd. class B and 40 cu.yd. class C concrete. About $137,896. A. F. Mounsand, Fredericksburg, engr. Noted July 24.

Cal., Riverside—Until Dec. 17 by Bd. Supervs. Riverside Co., grading and surfacing with gravel, Fertilla, Rocky, Comfort, Arrowhead, Comer, West Blythe and Anelo Valley Rd. Dists. About $70,000. D. B. Clayton, co. clk. A. C. Fulmot, co. engr.

Ont., Finch—Until Jan. 19, by J. G. Cameron, Co. Rd. Supt., building 40.5 mi. road, 12 to 16 ft. wide, in United Counties of Stormont, Dundas and Glengarry; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Maine—State Highway Comn., Augusta, received bids Nov. 19, grading, draining and gravel surfacing 7.05 mi. river road, 16 ft. wide, with 2½ ft. shouders, Enfield Twp., involving (a) 13,300 cu.yd. excav., (b) 50 cu.yd. rock excav., (c) 2450 cu.yd. borrow, (d) 260 cu.yd. gravel V drain. (e) 7500 cu. yd. gravel sub-base, (f) 52 cu.yd. Class "A" concrete, (g) 156.4 cu.yd. class "B" concrete, from M. Seretto, 3 Tremont Row, Boston, Mass., (a) $1.55, (b) $7., (c) $1.55, (d) $3.25, (e) $3.25, (f) $27.50, (g) $25, total $99,349; M. Hughes, Bangor, (a) $1.50 (b) $8., (c) $1.60, (d) $4, (e) $4, (f) $25., (g) $25, total cost, $124,088; E. E. Greenwood, Skowhegan, (a) $1.60, (b) $7., (c) $1.60, (d) $3.50, (e) $4, (f) $30, (g) $26, total, $128,796.

★**Massachusetts**—State Highway Comn., Boston, let contracts building 14,900 ft. road, Lunenburg Twp., involving 6260 cu. yd. waterbound macadam, 8800 cu.yd. earth and 30 cu.yd. rock excav., 1500 cu.yd. earth borrow and 6500 cu.yd. stone fill, to Rowe Constr. Co., 45 Milk St., Boston, $113,375; 34,000 ft., 18 ft. wide, Greenfield and Bernardson Twps., 43,600 sq.yd. bituminous concrete, 150 cu.yd. concrete masonry, 13,900 cu.yd. earth and 400 cu.yd. rock excav., 13,900 cu.yd. borrow, to West Roxbury Trap Rock Co., West Roxbury, $117,010.

★**Rhode Island**—Bd. Pub. Rds., Providence, let contract improving 5080 ft. New London Turnpike, West Warwick and Cranston Twps., involving 3200 cu.yd. earth excav., 800 cu.yd. gravel foundations, 4700 tons crushed stone, hauling, heating and applying 28,000 gal. asphalt, penetration method, to Lane Constr. Co., 52 Colony St., Meriden, Conn. About $26,370.

★**Connecticut**—State Highway Comn., Capitol, Hartford, let contracts paving 16,050 ft. Watertown Rd., Watertown Twp. and 4750 ft. Thomaston Rd., Thomaston Twp., to J. H. Grozier Co., 721 Main St., Hartford, $120,000 and $32,000 respectively; 5550 ft. Millerton Rd., Salisbury Twp., to F. B. Hastings, 2450 North Ave., Bridgeport, $17,000; 5550 ft. Falls Village-Point of Rocks Rd., Canaan Twp., to Arborio Co., 30 Park St., New Haven, $18,860. Noted Nov. 6.

★**N. Y., Long Island City**—M. E. Connolly, pres., Queens Boro., let contracts to T. Welsch, 460 Lockwood St., laying sidewalks on Cherry Ave., $1029; to R. A. Hess, Corona, Jamaica Ave., $238, 98th Ave., $1112; to Sicilian Asphalt Paving Co., 41 Park Row, New York City, paving Jackson Ave., $44,970; to Uvale Asphalt Paving Co., 1 Bway., New York City, Vandervere Ave., $51,045; to J. L. Brusstar, Harlem River and 150th St., New York City, 80th to 98th Sts., $115,825; to Asphalt Constr. Co., 2197 Madison Ave., New York City, 98th to 110th Sts., $115,650; to Cleveland Trinidad Paving Co., Flushing Ave., Brooklyn, Centre St., $7700, Decatur St., $15,210, Olmstead Pl., $23,023, also regulating and repaving, Marble Arch to 80th St., $112,700.

★**N. Y., New York**—Acting President, Manhattan Boro., let contracts paving Riverside Drive from 135th to 147th Sts., to Uvalde Asphalt Paving Co., 1 Bway., $108,876, and from 147th to 158th Sts., to Davney Asphalt Co., Inc., 438 East 91st St., $118,670.

★**N. Y., New York**—H. Bruckner, pres. Bronx Boro., let contracts repaving with sheet asphalt East 187th St., to Uvalde Asphalt Paving Co., 1 Bway., $15,223, Hoe Ave., to Union Paving Co., Bway. and 112th St., $13,995.

N. Y., New York—Dept. of Parks received lowest 3 bids Nov. 26, improving carriage drive at Central Park, asphaltic concrete, from Sicilian Asphalt Paving Co., 41 Park Row, $106,000; J. L. Brusstar, Harlem River and 150th St., $112,460; Uvalde Asphalt Paving Co., 1 Bway., $113,700.

★**Pennsylvania**—State Highway Dept., Harrisburg, let contract building 26, 215 ft. State Highway Rd. in Wilmot and Terry Twps., Bradford Co., to B. G. Coon Constr. Co., Luzerne, $236,335; 20,109 ft. grading and draining between Meyersdale and Garrett Twps., Somerset Co., to the Cumberland Contg. Co., Cumberland, Md., $129,524.

Streets and Roads (Continued)

★**Pennsylvania**—State Highway Dept., Harrisburg, let contract building road between Beaver and Washington Twps., Route No. 278, Beaver Co., involving 5195 ft. rein.-con. extending out from Georgetown, to Chester Genl. Contg. Co., East Liverpool, O., $66,490; road between Clearfield and Hollidaysburg, Route No. 234, Clearfield Co., involving 11,222 ft. rein.-con. at Osceola, and 5400 ft. rein.-con. near Madera, to Gifford & Pritchard, Philipsburg, $97,225 and $56,569, respectively.

Pennsylvania—State Highway Dept., Harrisburg, received bids improving 4 mi. highway between Tullytown and Morrisville, Bucks Co., rein.-con., from B. Foster Co., 20th and Vernango Sts., Phila., $144,085, Union Paving Co., 30th and Locust Sts., Phila., $153,717, Standard Bithulithic Co., 50 Church St., New York City, $154,018.

★**Pennsylvania**—State Highway Comn., Harrisburg, let contract building 8 mi. Somerset Pike from Somerset line to Lincoln Highway, Route No. 317, 20 ft. wide, involving 42,232 ft. concrete, to MacArthur Bros. Co., 120 Bway., New York City, $470,098.

★**Maryland**—State Rds. Comn., 601 Garrett Bldg., Baltimore, let contract building .83 mi. Central Ave. from Western Branch toward Hall Station, Federal Aid Project No. 13, Contr. P-17-A, Prince George's Co., to J. Daiuto, Martinsburg, W. Va., cost, $34,606; 6 mi. Kensington Rd., Contr. No. 527, Montgomery Co., to H. F. Voigt & Co., 816 14th St., N. W., Washington, D. C., $17,000; both 15 ft. wide, concrete 8 in. thick in center and 6 in. at sides.

★**W. Va., Wayne**—Comrs. Wayne Co let contract grading and draining 7 mi. Wayne-Ft. Gay Rd., to Stringer, Lockwood & Stringer, Hamlin, $111,342. Work involves 69,000 cu.yd. excav., $1.17 per cu yd., 43,800 lb. steel, $.12. 470 cu.yd. class A concrete, $24, and 270 cu yd. class B concrete $20. Noted Oct. 30.

★**Ohio**—State Highway Comn., Columbus, let contracts building roads in following counties:

Auglaize Co., Sect. "B" Bellefontaine-Wapakoneta Rd., 3.68 mi., grading, constructing bridges and culverts and paving with plain concrete, Radebaugh & Graham, Columbus, $125,078.

Sect. "C" Bellefontaine-Wapakoneta Rd., 4.12 mi., grading, constructing bridges and culverts aand paving with plain concrete, Radebaugh & Graham, $138,635.

Fayette Co., Sect. "P" Hillsboro-Washington C. H. Rd., 4.04 mi., grading, constructing culverts and paving with waterbound macadam, Fayette Sand & Gravel Co., Washington, C. H. $44,233.

Jefferson Co., Sect. "F" Ohio River Rd., 2.327 mi., grading, constructing bridges and culverts and paving with brick, Floto Bros. Constr. Co., Steubenville, $111,459.

Lucas Co., Sect. "A-1" Perrysburg-Holland Rd., 1.457 mi. grading, draining and paving with concrete, M. P. Hannin, Toledo, $38,834.

Sect. "A' Waterville-Swanton Rd., 2.385 mi., grading, building drainage structures and paving with concrete, M. P. Hannin, $57,381.

Sect. "Village of Waterville" Waterville-Swanson Rd., 1.129 mi., grading, building drainage structures and paving with concrete, M. P. Hannin, $32,345.

Marion Co., Sect., "I-1" Marion-Marysville Rd., 1.49 mi., grading, constructing bridges and culverts and paving with bituminous macadam, Foster, Reigert Constr. Co., Dayton, $34,252.

Mercer Co., Sect. "A" Van Wert-Rockford Rd., 2.44 mi., grading, constructing bridges and culverts and paving with plain concrete, Studebaker & Sons, Greenville, $65,303.

Morgan Co., Sect., 'H-1" McConnelsville-New Lexington Rd., 3.26 mi. grading constructing drainage structures and paving with waterbound macadam on rolled base, H. D. Curtis, Greenville, $87,941.

Morrow Co., Sect. "I" Mt. Gilead-Tiffin Rd., 2.555 mi. grading, constructing bridges and culverts and paving with bituminous macadam, J. S. Edwards, Sunbury, $83,615.

Fickaway Co., Sect. "F-1" Columbus-Washington, C. H. Rd. 4.055 mi. grading, constructing bridges and culverts and paving with bituminous macadam, E W. Botkin, Ada, $90,735.

Tuscarawas Co., Sect. "D" Canton-Canal Dover Rd., 2.69 mi., grading, constructing bridges and culverts and paving with bituminous macadam, Seiple & Wolf Constr. Co., Youngstown, $60,047.

O., Cleveland—Comrs. Cuyahoga Co. received only bid building Stumph Rd. from Huffman to Brookpark Rds., involving 8000 cu.yd. grading, 16,000 sq.yd macadam, 1500 lin.ft. 4 in. vitr. tile sewer pipe and 400 lin. ft. 10 in. corrugated iron pipe, from Cleveland Macadam Co., Leader-News Bldg., $41,557. Noted Nov. 27.

★**O., Cleveland**—Comrs. Cuyahoga Co. let contract grading and draining Cedar Rd., involving 6860 cu.yd. concrete, 4710 lin.ft. corrugated iron pipe and 53,000 cu.yd. earth excav., to T. B. Husband, Rexwood Ave. $68,051. Noted Nov. 20.

O., Cleveland Heights (Warrensville P. O.)—Village received only bid improving East Monmouth Rd. from Taylor Rd. to Van Deboe Hager Allotment, and Crest Rd. from Wayfield to Wood Rds., involving 9565 sq.yd. asphalt on 4 in. concrete, 4630 lin.ft. sandstone curbing and 6440 lin.ft. 5 x 20 in. sandstone sidewalk, from Cleveland Trinidad Paving Co., Superior Arcade, Cleveland, $11,129 and $40,552 respectively.

★**Illinois**—State Highway Comn., Springfield, let contracts improving roads in following counties; (a) Madison Co., 19,762 ft. Sect 33, Natl. Highway, 16 and 18 ft. wide, (b1) Bond Co., 19,307 ft. Sect. 34 Natl. Highway, 16 ft. wide, (2) 23,864 ft. Sect. 35, 16 ft. wide, (3) 20,223 ft. Sect. 35, 16 and 18 ft. wide, (c) Will Co., 41,475 ft. Sect. E. Joliet-Morris Highway, 18 ft. wide, (d) Will-Grundy Co., 29,676 ft. Sect. F. Joliet-Morris Highway, 18 ft. wide, (e) Grundy Co., 40,109 ft. Sect. G, Joliet-Morris Highway, 18 ft. wide, (f1) La Salle Co., 13,460 ft. Sect. I, Morris Henry Highway, 19 and 30 ft. wide, (2) 8369 ft. Sect. U, 30 ft. wide, (g) Boone Co., 2500 ft. Sect. I, Route 1, 10 ft. wide, (h) McDonough Co., building 2 concrete bridges, Sect. R, Route 4-A and 5-A, to Hug Lumber & Constr. Co., Highland, (a) $112,411, (b1) $110,633; Cameron-Joyce & Co., Keokuk, Ia., (b2) $273,500, (b3) $110,167; Powers-Thompson Co., Joliet, (c, d and e) $647,572, (f1 and f2) $134,362; J. Fair & Co., Belvidere, (g) $8982; H. C. Holmes, Macomb, (h) $5540. Noted Nov. 6 E B.

★**Wis., Manitowoc**—City let contract grading, paving, curbing and guttering 1.9 mi. 21st and 24th Sts., 16 ft. wide, involving 8700 sq.yd. concrete, to J. Fischer, Main St., $11,980. Noted Sept. 11.

★**Minn., Duluth**—Comrs. St. Louis Co. let contract grading 15 mi. State Job No. 1902, 18 and 24 ft. wide, to S. J. Groves & Son. Kasota Bldg., Minneapolis. About $200,000. Paving project postponed indefinitely. Noted Oct. 16.

★**Kan., Ft. Scott**—Comrs. Boubon Co. let contract macadamizing 4½ mi. Pawnee Rd., 16 ft. wide, to Dolan & Son, Junction City, $139,678.

★**Kan., Great Bend**—Barton Co. will build 5 265 mi. Santa Fe Trail, Federal Aid Project No. 3, Sect. D, 18 ft. wide, 2 course concrete, involving 38,397 cu yd. earth and 9495 cu.yd. rock excav., 55,506 sq.yd. concrete, (470 cu.yd. concrete and 13 tons steel, for bridge and culvert work). About $150,000. Work will be done by day labor.

★**Kan., Hutchinson**—City let contract paving and building curbs and gutters on Monroe St. from 17th to 20th Sts., 25 ft. wide, to Stamey-Mackey Constr. Co., Hutchinson, $55,661 and $10,450 respectively; curbs and gutters on 15th St. from Maple to Plum Sts., to C. E. Brown, Hutchinson, $4587.

★**Kan., Independence**—Montgomery Co. let contract surfacing, grading and building bridges and culverts on 1.116 mi. Coffeyville-Cherryvale Rd., Federal Aid Project No. 37, Sect. A, 18 ft. wide, to R. L. Plunkett, Independence, $20,175. Work involves 21 cu.yd. concrete, 7145 cu.yd. earth excav., 11,934 sq yd. semi-gravel, 212 lb. steel, etc. Noted Oct. 30.

★**Neb., David City**—City let contract improving Dists. 3-8 inclusive, to Murphy Constr. Co., Omaha, saving, $3.87½ per yd., guttering and curbing, $1.29 per ft.

★**Tex., Austin**—C. Huppertz, aud. Travis Co. let contract gravel surfacing and building concrete dips on 5 984 mi. Highway No. 2, from Austin City reservoir north to Walnut Creek, 15 ft. wide, involving 7344 cu.yd. granite gravel, to Uvalde Rock Asphalt Co., Swearingen Bldg., San Antonio, $26,652. County will do concrete work, (which includes building concrete dips) involving 17 cu.yd. class B, 19 cu yd. class C and 21 cu.yd. 1-3 in. concrete.

Arizona—State Highway Dept., Phoenix, received bids building Clifton-Franklin Highway, Federal Aid Project No. 13, from Webster Co., Contr. No. 1, $78,341, Contr. No. 2, $57,296; Apache Co., Contr. No. 2, $66,528; Cotey-Black Co., Contr. No. 1, $80,153, Contr. No. 2, $67,088. Noted June 12.

★**Oregon**—State Highway Comm., Portland, let contract grading (a) 23.9 mi. Bend Jefferson Co. Line Sect. of The Dalifornia Highway, Deschutes Co., [illegible] 68,000 cu.yd. common excav., (b) [illegible] mi. Cow Valley-Brogan Rd., Malheur [illegible] 000 cu yd. common excav., (c) [illegible] mi. Crooked River Rd., Crook Co., [illegible] cu.yd. mixed excav., (d) grading and [illegible] ing 8.9 mi. Algoma Rd., Klamath [illegible] 000 cu.yd. common excav., 20,000 [illegible] surfacing, (e) grading 15 2 mi. and [illegible] ing 4.6 mi. Redmond-Prineville Rd. [illegible] Co., 62,000 cu.yd. common excav. [illegible] gravel surfacing, (f) 13.9 mi. Dairy-Klamath Falls Rd., Klamath Co., 30,000 cu.yd. common excav., 29,000 cu yd. gravel, (g) 14 7 mi. Klamath Falls-Merrill Rd., Klamath Co., 55,000 cu.yd. mixed excav., 6000 cu.yd. gravel, (h) 7.5 mi. Pendleton-Cabbage Hill Rd., Umatilla Co., 56,000 cu.yd. mixed excav., 16,000 cu.yd. gravel, (i) reshaping 11 mi., cindering 4.1 mi., graveling 1 mi. and grading ½ mi. Bend Allen Ranch Sect. of The Dalles-California Highway, Crook Co., 550 cu yd. mixed excav., 8870 cu yd. gravel and cinder surfacing, (j) building concrete guard fence on Deer Island-Galena Rd., 4400 ft. long, Columbia Co., (1) concrete pipe, (2) iron pipe, (3) f.o.b. gravel, concrete pipe, to O. Huber, Sherlock Bldg., Portland, (a1) $84,943, (d1) $124,422, (e1) $73,417, (f3) $146,008, (g1) 15,033, (i) $25,019; Morrison & Knudson, Boise, Idaho, (b2) $81,154; A. Guthrie & Co., Sherlock Bldg., Portland, (c) $199,588; Clifton, Applegate & Toole, Spokane, Wash., (b1) $100,701; A. I. McGarry, Seattle, Wash., (j) $4390. Noted Sept. 25.

★**Ore., Ashland**—City let contract paving Boulevard-Ashland St., concrete, to O Huber, Sherlock Bldg., Portland, $13,555.

Cal., Dinuba—City received bids improving various streets, involving 43,000 sq.yd. asphalt, from Federal Constr. Co., Call Bldg., San Francisco, $122,000, H. Crummey, 333 Kearny St., San Francisco, $124,700, A. Teichert & Son, Ochsner Bldg., Sacramento, $129,000.

Cal., Oakland—City received bids improving 3200 ft. Porter and Suter Sts., between 35th and 38th Aves., Octavia and Abbey Sts. between Suter and Porter Sts. and Loma Vista Ave. between Porter and Quigley Sts., involving 6377 lin.ft. concrete curbing, 13,120 sq.ft. concrete guttering 32,099 sq.ft. cement sidewalk, 6188 cu.yd earth excav., 106 cu.ft. concrete end walls 8699 sq.yd. oil macadam, and 876 lin.ft conduit pipe, from Hutchinson Co., 444 17th St., $33,016, Bates & Borland, Bway. and 12th Sts., $33,387; Oakland Paving Co., 5000 Bway., $33,842.

★**Cal., San Francisco**—City let contract improving 42nd Ave. between Geary and Anza Sts., involving 1294 lin.ft. concrete curbing, 4140 sq.ft. artificial stone sidewalk, 2277 sq.yd. asphalt, 100 lin.ft. 10 in. culverts, to Flinn & Treacy, Call Bldg., $11,385.

Cal., San Francisco—City received only bid improving London St. between France and Amazon Aves., involving 2270 lin.ft. concrete curbing, 17,450 sq.ft. artificial stone sidewalks, 5428 cu.yd. earth excav., 1000 sq.yd. vertical fibre, 3163 sq.yd. asphalt and 1915 cu.yd. filling cut, from Flinn & Treacy, Call Bldg., $35,620.

Railways

PROPOSED WORK

Oklahoma—Oklahoma Union R.R., Tulsa, having plans prepared for 25 mi. lines from Tulsa to Mounds, Beggs, Okmulgee and Henryetta, to connect with Missouri Pacific R.R., double track system. About $500,000. I. F. Crow, 1602 South Boulder St., Tulsa, ch. engr.

Oklahoma—C. Page, F. Miller and K. C. Davidson, Sapulpa, and others, plan to build 32 mi. railroad from Sapulpa to Bristow, Depew, Shamrock and Drumright. About $650,000.

Quebec—Sherbrooke Ry. & Power Co., Clement Theatre Bldg., Sherbrooke, plans to build 5 mi. extension to street car system in city of Sherbrooke. About $50,000. F. X. Conture, Murray St., Sherbrooke, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

Massachusetts—F. W. Hodgdon, secy of state, Boston, received only bid building 3700 ft. standard guage track involving 2200 cu. yd. earth evcav., 200 cu.yd. earth fill, 3080 cu.yd. ballast, from J. F. Kennedy Co., Boston, $9275.

★**Arizona**—Dept. Interior let contract building 4.8 mi. Oak Creek cut-off, Coconino Natl. Forest, involving 17,320 cu.yd. earth

Railways (Continued)

and 1836 cu.yd. rock excav., to Miller Constr. Co., San Bernardino. About $30,000.

★**British Columbia**—Canadian Pacific Ry. Canadian Pacific Ry. Sta., Winnipeg, Man., let contract extending existing line from Alberni to Great Central Lake, on Vancouver Island here, 10¼ mi., to Foundation Co. of Victoria, Old Indian Reserve, Victoria. About $150,000..

Excavation and Dredging

PROPOSED WORK

Mo., Barnard—Drainage—Barnard-Bolcho D. D. having plans prepared building drainage system to cover 7000 acres, involving 9 mi. ditches. W. B. Hazen, Commercial Bldg., St. Joseph, engr.

Ore., Fort Rock—Irrigation—Property owners of Fort Rock Valley have organized irrigation district and association and plan to irrigate 46,000 acres. Work will include leveling, building flood gates, laterals, flumes and canals. About $60,000. J. Naldrett, chn.

Ore., Grant's Pass—Irrigation—Gravity Ditch Impvt. Co. receives bids about Dec. 15, digging 20 mi. irrigation ditch. About $36,000. D. McFarland, Grant's Pass, engr.

Ont., Holland Landing — Reclamation — City appointed E. A. James Co., Ltd., engrs., 36 Toronto St., Toronto, to make preliminary surveys and estimates on reclamation of 10,000 acres of swamp land, Gwillumbury Twp. Work includes ditches, retaining walls, low lift pumps, etc. Cost between $50,000 and $100,000.

Man., Winnipeg—Drainage—City plans to build 4.2 mi. 96 in. rein.-con. conduit pipe. This work of protection made necessary by action of soil alkalies on reinforced concrete. About $300,000. W. G. Chace, 201 Tribune Bldg., engr.

BIDS DESIRED

Wis., Portage—Drainage—Until Dec. 17, by Lower Baraboo River D. D., straightening and deepening Baraboo River from Butterfield Bridge to river mouth. Work involves 400,000 cu.yd. excav., 3 mi. new cut, 40 ft. wide at bottom, 13 ft. deep, etc. H. V. Tennant, Portage, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Pa., McKeesport**—Dredging—Y. M. C. A., 2 West 45th St., New York City, let contract dredging and excavating for foundation for building, here, to Schutz, Schreiner & Clyde, May Bldg., Pittsburgh. About $55,000. Noted Sept 25 under "Buildings."

★**Minn., Albert Lea**—Ditch—F. Tavis, aud. Freeborn Co., let contract building Ditch No. 31, including 4 branches and 4 laterals, to N. K. Nelson, Albert Lea, About $78,000. Noted Sept. 4.

Industrial Works

PROPOSED WORK

Mass., Everett—W. W. Partridge, School St., soon lets contract building 1 story, 60 x 120 ft., brick garage, concrete flooring, on Boulevard and 2nd St. About $25,000. Concrete foundation for above let to New England Foundation Co., 70 Kilby St., Boston. W. T. Littlefield, 9 Hamilton Pl., Boston, archt.

Mass., Fall River—W. C. Bergeron, 770 King Philip St., plans to build 2 story, 45 x 150 ft., rein.-con. storehouse and garage. About $45,000.

R. I., Providence—Federal Truck Sales Co., 276 West Exchange St., preparing plans for 1 story, 96 x 320 ft., brick and concrete service station, on Reservoir Ave. About $100,000. Private plans.

Conn., Bridgeport—Coulter & McKenzie Machine Co., 771 Water St., plans to build 1 story, brick and steel, machine shop, concrete flooring and foundation, on Seaview Ave. W. R. Phillips & Co., 24 John St., engrs.

Conn., Bridgeport—United Illuminating Co., 84 Temple St., New Haven, plans to build brick, concrete and steel power plant, on Main St. fronting on Pequonnock River. Private plans.

Conn., Danielson—River Weaving Co., Inc., Water St., plans to build addition to weave shed. About $50,000. Private plans.

Conn., Goodyear (Killingly P. O.)—Goodyear Cotton Mills soon receives bids building 3 story, 150 x 350 ft., brick and mill construction mill. About $500,000.

Conn., New Haven—Oven Equipment & Mfg. Co., 205 Orange St., soon receives bids building 1 story, 90 x 280 ft., brick and steel factory, concrete flooring and foundation, on Lombard St. About $50,000. Private plans.

Conn., Windsor—General Electric Co., having plans prepared for addition to present plant. About $75,000.

N. Y., Brooklyn—Ebling, Magnerson & Kleinert, archts. and engrs., 52 Vanderbilt Ave., New York City, soon let contract building 8 story, 60 x 100 ft., rein.-con. and steel addition to factory, rein.-con. flooring, concrete foundation, at 24 Henry St. here, for Mason, Au & Magenheimer, 22 Henry St. About $150,000. Noted June 12.

N. Y., Brooklyn—H. J. Nurick, archt. and engr., 772 Bway., New York City, preparing plans for 1 story, brick and steel garage, rein.-con. flooring, concrete foundation, on Bedford and Flushing Aves. About $30,000. Owner's name withheld.

N. Y., Buffalo—Daily Bread Co. having plans prepared by L. S. Beardsley, archt. and engr., 10 West 32nd St., New York City, for 3 story, rein.-con. and steel bakery, rein.-con. flooring, concrete foundation. About $200,000.

N. Y., Buffalo—Bellony, Mellichamp & Wade, archts., Buffalo, soon receive bids building 2 story, 60 x 100 ft., brick, rein.-con. and steel garage and show room, rein.-con. flooring, concrete foundation, on Main St., for M. H. Meyer, 746 Washington St. About $50,000.

N. Y., Coney Island—F. Kelsey, c/o Parfitt Bros., archts. and engrs., 26 Court St., Brooklyn, having plans prepared for 1 story, 100 x 196 ft., brick and steel service station, rein.-con. flooring, concrete foundation, on West 8th St., here.

N. J., Jersey City—Pencil Exch., 67-69 Fleet St., plans to build 3 story, 48 x 69 ft. factory. About $29,314.

N. J., Newark—J. Lichtman & Sons, Frelinghuysen Ave., plan to build 2 story, 85 x 255 ft. addition to factory, to include 20 concrete vats with system of paddle wheels, etc. About $50,000.

Pa., Altoona—Bd. Dirs. School Dist. authorized C. M. Piper, secy., 2634 7th Ave., to engage engineers to prepare plans for 2 story, 70 x 80 ft. steel and brick, power plant. About $100,000.

Pa., Altoona—B. Cohn, 3015 Broad Ave., plans to build 2 story, 60 x 120 ft., concrete and brick, auto repair station and storage house, on 31st St. About $55,000. Altoona Storage & Forwarding Co., lessee.

Pa., Coatesville — B. R. Stevens, archt., 1737 Filbert St., Phila., soon receives bids building 2 story, 80 x 126 ft., rein.-con. and brick factory, for Breuninger Bros., 338 East Lincoln St.

Pa., Phila.—Bigelow-Willey Motor Co., 304 North Broad St., having plans prepared by McIlvaine & Roberts, archts., 16th & Sansom Sts., for rein-con. and brick garage and service building, on Broad and Vine Sts. Cost to exceed $100,000.

Pa., Phila.—F. V. Nickels, archt., 4400 Manayunk St., soon receives bids building 3 story, 80 x 225 ft., rein.-con. factory, on Boynton and Chelton Sts. About $90,000. Owner's name withheld.

Pa., Pittsburgh—P. H. Butler Co., 17th and Pike Sts., having plans prepared by Hunting-Davis Co., archts., Century Bldg., for 1 story, 60 x 130 ft. rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on Fisk and Howley Sts. About $50,000.

Md., Baltimore—T. H. O'Connor, 445 Guilford Ave., having tentative plans prepared by J. H. Smallwood, archt., 3915 Kate Ave., for 4 story, 18 x 100 ft., brick warehouse, brick and concrete foundation, at 447 Guilford Ave. About $50,000.

Md., Baltimore—F. Steil Brewing Co., 202-212 Garrison Ave., plans to convert brewery into packing plant and slaughter house. About $150,000. F. Steil, pres.

N. C., Durham—J. E. Sirrine, engr., Greenville, S. C., soon lets contract building 7 story, 115 x 255 ft. steel and concrete factory, for Durham Hosiery Mills.

N. C., Statesville—Southern Milling Co. plans to build brick and concrete flour mill to have capacity of 1000 bbls. Architect not selected.

S. C., Greenville—Southern Textile Machinery Co. plans to build 3 story, 57 x 117 ft. mill construction factory. J. E. Sirrine, Greenville, engr.

Ala., Fairfax—Fairfax Mills plans to build 75 x 163 ft., rein-con and standard mill construction bleachery, rein.-con. flooring. J. E. Sirrine, Greenville, S. C., engr.

Ala., LaFayette—LaFayette Cotton Mills soon lets contract building cotton mill, warehouse, etc. J. Hill, Healy Bldg., Atlanta, Ga., engr.

Ky., Bowling Green—Atlantic Producing & Refining Co., recently organized with $1,500,000 capital stock, has purchased and will develop oil properties, also build additions to present plant. About $300,000. W. G. Williams, pres. Engineer not selected.

O., Cincinnati—Kruse & Bahlman Hardware Co., Pioneer and Broad Sts., having plans prepared by Frank Hill Smith Co., Inc., engrs. and archts., East 3rd St., Dayton, for 8 story, warehouse, on Pioneer St. About $325,000. Noted Oct. 23.

O., Cleveland—Auer Register Co., 403 Long Ave., postponed until 1920, building of 2 story, 73 x 102 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, on East 37th St. and Payne Ave. About $75,000. A. M. Allen Co., 1900 Euclid Bldg., archts.

O., Cleveland — Withington, Roberts, Wright Co., archts. and engrs., Swetland Bldg., soon let contract building 2 story, 45 x 73 ft. brick, concrete and steel factory, rein.-con. flooring, concrete foundation, at 688 East 82nd St., for Dill Mfg. Co., 694 East 82nd St. E. T. Tobold, mgr.

O., Cleveland—Koblitz Plumbing & Heating Co., 1310 Huron Rd., plans to build 4 story, 144 x 240 ft., concrete, steel, brick and terra cotta warehouse, shop and office, rein.-con. flooring, brick and concrete foundation, at 5012 Euclid Ave. About $200,000. Architect not selected.

O., Cleveland—J. Rutkowski, 7001 Polonia Ave., soon lets contract building 1 story, 81 x 142 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, at 6600 Park Ave. About $40,000. Private plans.

O., Columbus—Cole Motor Sales Co., 630 North High St., postponed until spring, building of 2 story, 50 x 265 ft., steel and brick garage and salesroom, rein.-con. flooring, concrete foundation, on East Broad St. About $100,000. Noted Sept. 25.

O., Columbus—Ohio Wax Paper & Printing Co., Hanford St., having plans prepared by Stribling & Lum, archts., Columbus, for 1 story, 111 x 151 ft., steel and brick plant, concrete foundation. About $25,000.

O., Dayton—Burkam-Herrick Publishing Co., South Jefferson St., plans to build 4 story, 100 x 190 ft., rein.-con. and brick, publishing plant, rein.-con. flooring, concrete foundation, on 4th St. About $200,000. Architect not selected.

O., Dayton — Miami Ice Delivery Co., Ludlow Bldg., plans to build 2 story, steel and brick plant, brick foundation, on 3rd St. About $100,000. Architect not selected.

O., Dayton—Stinson Aero Co., East 3rd St., plans to build plant, on East 5th St. About $30,000.

Mich., Adrian—State Industrial Home for Girls soon lets contract building 1 story, 36 x 75 ft., rein.-con., brick and steel laundry, rein.-con. flooring, concrete foundation. About $25,000. A. H. Gould & Son, 611 Empire Bldg., Detroit, engrs. and archts.

Mich., Detroit—A. J. Detlaff, 121 Lafayette St., E., plans to build 1 and 2 story, rein.-con., brick and steel, machine shop and foundries, rein.-con. flooring, concrete foundation, on Grand River Ave. and Terminal Ry. Architect not selected.

Mich., Detroit—Smith, Hinchman & Grylls, archts., 710 Washington Arcade, soon let contract building 1 story, 310 x 482 ft., rein.-con., brick and steel, storage plant, rein.-con. flooring, concrete foundation, on Fort St., for Fisher Body Corp., Oakland and Piquette Aves.

Mich., Detroit—R. W. Koch, archt., Book Bldg., preparing plans for 7 story, 150 x 220 ft. rein.-con. and steel factory, rein.-con. flooring, concrete foundation. About $230,000. Owner's name withheld.

Mich., Detroit—Sewell Cushion Wheel Co., 1296 Gratiot Ave., purchased site on Harper Ave. and Detroit Terminal Ry., and plans to build plant. About $100,000. Architect not selected.

Mich., Detroit—Baxter, O'Dell & Halpin, archts., 1024 Hammond Bldg., soon let contract building 3 story, 157 x 160 ft., rein.-con., brick and steel, factory, rein.-con.

Industrial Works (Continued)

flooring, concrete and brick foundation, on Beaufait St. near Kercheval St. for Sibley Lumber Co., Kercheval and Beaufait Aves. About $100,000. Noted Nov. 27.

Mich., Detroit—F. J. Whitney, 1443 Grand River Ave., having plans prepared by H. H. Lane, archt. and engr., Dime Bank Bldg., for 1 story, 200 x 250 ft. brick and steel garage, concrete foundation, on Franklin St.

Mich., Fenton—H. H. Lane, engr., 2320 Dime Bank, Detroit, soon lets contract constructing 1 story, 66x150 ft., rein.-con., storage building, rein.-con. flooring, concrete foundation, for New Egyptian Portland Cement Co.

Ill., Chicago—Arabol Mfg. Co., 100 William St., New York City, plans to build brick and steel factory, rein.-con. flooring, concrete and brick foundation, here. About $100,000. Architect not selected.

Ill., Chicago—M. Born & Co., 540 South Wells St., having plans prepared by A. S. Alshuler, archt., 28 East Jackson St., for 12 story, 44 x 120 ft., brick, concrete and steel addition to factory, rein.-con. flooring, concrete foundation, on Harrison and Wells Sts. About $850,000.

Ill., Chicago—Natl. Beverage Co., 1926 West 18th St., having preliminary plans prepared by R. Griesser, archt., 64 West Randolph St., for 2 story, brick and rein.-con. factory, rein.-con. flooring, concrete foundation, at 1926 West 18th St. About $150,000.

Ill., Chicago—Packard Motor Car Co., West Grand Blvd., Detroit, plans to build 2 story, 298 x 304 ft., service and assembly station, rein.-con. flooring, concrete foundation, on West 37th and Princeton Aves., here. A. Kahn, Marquette Bldg., Detroit, archt.

Wis., Beloit—Fairbanks-Morse Mfg. Co. plans to build addition to plant. About $1,000,000.

Wis., Fond du Lac—Northern Casket Co., 16 North Brooke St., plans to construct 3 story, brick and concrete factory. About $75,000. J. E. Hennen, 74 South Main St., archt.

Wis., Manitowoc—Juul & Smith, archts., Dempsey Bldg., North 8th St., soon receive bids building 2 story, 75 x 175 ft. brick, rein.-con and steel factory, rein.-con. flooring, concrete foundation, for A. H. Franke, 1119 Columbus St. About $80,000.

Wis., Milwaukee—Kirchhoff & Rose, archts., Majestic Bldg., receive bids about Dec. 12, building 2 story, 121 x 150 ft. rein.-con. and brick service station, rein.-con. flooring, concrete foundation, on North Ave., for Cadillac Motor Car Co., 1343 Cass St., Detroit, Mich. About $200,000.

Wis., Milwaukee—Gemco Mfg. Co., 742 South Pierce St., having plans prepared by M. Fernekes, archt. and engr., Ry. Exch. Bldg., for 2 story, 50 x 150 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation. About $50,000.

Wis., South Milwaukee (Milwaukee P. O.)—Universal Aniline Dyes & Chemical Co., 1009 Wells Bldg., soon receives bids building 1 and 3 story, 75 x 122 ft. rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on Carroll Ave. About $200,000. O. C. Uehling, 1st Wisconsin Natl. Bank Bldg., Milwaukee, archt. and engr.

Wis., Watertown—Monarch Tractor Co., c/o W. Ray, supt., plans to build 1 story, 80 x 100 ft. brick and steel foundry, brick foundation, on Main St. About $35,000. Architect not selected.

Ia., Burlington—W. A. Rayburn Co., Hamilton, Ill., receives bids in spring, building 1 story glass factory, on North Bottoms St. About $300,000. Engineer not selected.

Minn., Minneapolis—Red River Lumber Co., 87 Hennepin Ave., plans to build 2 story, 100 x 135 ft., brick, timber and stone garage, on Franklin and Lyndale Aves. About $50,000. C. L. Kinport, Andrus Bldg., archt.

Kan., Dodge City—Associated Mill & Elevator Co., Kansas City, Mo., having plans prepared by Lehrack Eng. Co., engrs., 705 Gloyd Bldg., Kansas City, Mo., for concrete elevator, rein.-con. flooring, concrete foundation, here. About $250,000.

Kan., Hutchinson—W. Kelley Milling Co. plans to build brick, concrete and steel mill, rein.-con. flooring, concrete foundation. About $500,000. Engineer to be selected at once.

Kan., Wichita—J. O. Adams Music Co. plans to build 4 story, 90 x 125 ft. brick, rein.-con. and steel warehouse, rein.-con. flooring, on East 2nd St. About $100,000. Architect to be selected at once.

Kan., Wichita—Bennison Bros. Bag Co., 601 South 4th St., St. Louis, Mo., purchased site and plans to build 3 story, 130 x 300 ft., brick factory, here. About $50,000. Architect not selected.

Kan., Wichita—Red Star Milling Co., 1901 North Emporia St., having plans prepared by Sherman Eng. Co., engrs., 1019 New York Life Bldg., Kansas City, Mo., for 9 story, 60 x 170 ft. mill, 3 story, 60 x 96 ft. warehouse, 60 x 61 ft. headhouse, 70 ft high, and six 20 ft. tanks, 90 ft. high, all rein.-con. About $750,000.

Kan., Wichita—F. Schwartz plans to build 2 story, 125 x 150 ft. brick warehouse. About $55,000. Architect will be selected at once.

N. D., Grand Forks—Standard Oil Co., 4th Ave., S. and Front St., N., plans to build warehouse, tanks and distributing stations on McCormick St., south of Dike Ave. About $300,000.

N. D., Grand Forks—State Industrial Comn., Bismarck, plans to build 8 story, 40 x 160 ft. mill and 60 x 120 x 140 ft. elevator, here. About $2,000,000. W. F. Kurke, Huntington Blk., Fargo, archt.

Tex., Abilene—Amer. Pub. Serv. Corp. plans to build 3 story, ice factory and power plant, here, rein.-con., to furnish power for Anson, Merkel, Stamford, Hamlin and Cisco Twps. About $700,000. A. Hardgrave, Southwestern Life Bldg., Dallas, genl. mgr.

Tex., Corsicana—Corsicana Oil and Refining Co. plans to build refinery. About $400,000. W. M. Elliott, 1004 West 3rd Ave., engr.

Tex., Ft. Worth—See "Buildings."

Tex., West Dallas (Dallas P. O.)—Monarch Petroleum Co., Western Indemnity Bldg., Dallas, secured 30 acre site here, and plans to build 5000 bbl. refinery. About $500,000. J. R. Aiken, pres.

Wash., Centralia—Sherman Co. Light & Power Co. having surveys made preparatory to building steam plant adjoining plant of Eastern Ry. & Lumber Co. About $150,000.

Ore., Astoria—H. R. Hoefler plans to extend candy factory to cover 100 x 125 ft. space, by building 4 story, concrete addition east of Centennial Candy Factory. About $50,000. Private plans.

Ore., Marshfield—Martin Candy Co., 2nd St., having plans prepared by F. Magnussan, archt., Marshfield, building 2 or 3 story, 85 x 120 ft., brick or concrete factory, concrete foundation, on Alder and Bway. About $50,000.

Ore., Marshfield—I. R. Tower plans to construct 2 story, 100 x 100 ft., concrete garage and sales building, concrete foundation, on 2nd and Market Sts. About $50,000. Private plans.

Ore., Portland—Crystal Ice & Storage Co. 432 East Salmon St., having plans prepared by Camp & Du Puy, archts., 426 East Adler St., for 3 story, 110 x 115 ft. rein.-con. plant, concrete foundation, on East 7th and Main Sts. About $125,000.

Ore., Portland—Eagle Mill Co. hivng plans prepared by J. V. Bennes, archt., Chamber Commerce Bldg., for 7 story, flour mill, and 1 story, 100 x 130 ft. warehouse, concrete. About $200,000. W. R. Bagot, Bd. Trade Bldg., pres.

Ore., Wallowa—Wallowa Pine Lumber Co. recently incorporated with $350,000, plans to purchase 100,000,000 ft. timber on Bear Creek and build 2 story, frame and concrete sawmill. About $300,000. Address C. A. Hunter, Wallowa. Architect not selected.

N. S., Bedford—Moirs, Ltd., having plans prepared for 50 x 70 ft. sawmill and 50 x 110 ft. box factory, each 38 ft. high, steel and brick, concrete foundation, on River St

Ont., Elk City—McCarthy & Porter, having preliminary surveys made for hydro electrical development of 5000 h.p. at Indian Chute on Montreal River, near here, and for distribution lines to different mines. About $200,000. Sutcliffe & Neelands, New Liskeard, engrs.

Ont., Fergus—J. Alpaugh & Son preparing plans for marble works, brick. About $25,000.

Ont., Ft. William—City preparing plans for rebuilding 1 story, 80 x 150 ft., brick and steel carbarns, concrete foundation. About $200,000. A. McNaughten, clk.

Ont., Hamilton—Firestone Tire & Rubber Co., South Main St., Akron, O., having plans prepared by B. H. Prack, archt. and engr., Lumsdem Bldg., Toronto, for steel, brick and concrete factory, concrete foundation, on Barton St., here. About $1,500,000.

Ont., Toronto—Prest-O-Lite Co., Ltd., Elm and Center Aves., purchased 10 acres Hillcrest Race Track, and plans to build large steel and concrete factory. About $1,500,000. Architect not selected.

B. C., Vancouver—British Columbia Fir & Cedar Lumber Co., foot Laurel St. plans to rebuild saw-mill. About $250,000.

B. C., Vancouver—Gibsons Ltd., 161 Water St., plans to construct 1 story, mill construction factory, concrete foundation, on Industrial Island, to consist of several buildings of various sizes. Cost, including machinery, $100,000. Gardiner & Mercer, Birks Bldg., archts.

BIDS DESIRED

N. Y., Brooklyn—Until Dec. 17, (change of date) by State Hospital Comn., Capitol, Albany, building 2 story, 50 x 71 ft., brick and steel addition to laundry, concrete foundation, for Brooklyn State Hospital, here. About $95,000. L. F. Pilcher, Albany, state archt.

N. Y., Rochester—See "Streets and Roads".

Pa., Phila.—F. V. Nickels, archt., 4400 Manayunk St., receiving bids building 2 story, 24 x 90 ft., brick garage and dance hall, on East Broad and Wharton Sts., for J. Reale, 1609 Wharton St. About $45,000.

Pa., Pittsburgh—Until Dec. 4, by Colonial Ice Co., 35 South 16th St., building 1 story, 70 x 114 ft., concrete, brick and steel storage plant on 16th St. About $60,000. A. C. Bishop, 427 Guardian Bldg., Cleveland, archt. and engr. Noted Nov. 6.

O., Cleveland—Enamel Products Co., Eddy Rd. and Taft Ave., receiving bids building 1 story, 100 x 200 ft., brick and steel factory, concrete foundation. About $60,000. J. Foster, secy. Withington-Roberts-Wright Co., Swetland Bldg., archts. and engrs.

O., Cleveland—Standard Wire Spring Co., 5915 Pennsylvania Ave., receiving bids building 1 story, 101 x 165 ft., brick, wood and steel factory, brick foundation, on 39th St. and Superior Ave. About $75,000. A. A. Bartlett, mgr. Lehman & Schmitt, Electric Bldg., archts.

O., Cleveland—E. McGeorge, archt., 1900 Euclid Bldg., receiving bids constructing one 100 x 225 ft. and one 100 x 120 ft. factory buildings, 3 story, steel and brick, rein.-con. flooring, concrete foundation, on East 79th St. and Woodland Ave., for Van Dorn Iron Works Co., 2685 East 79th St. About $250,000.

Ill., Chicago—Berlin, Swern & Randall, archts., 19 South La Salle St., receiving bids building 3 story, 50 x 100 ft., mill construction factory, rock and concrete foundation, for Jewell Electric Instrument Co., 1640-42 Walnut St. About $50,000.

Ill., Chicago—P. Gerhardt, archt., 64 West Randolph St., receiving bids building 6 story, 60 x 125 ft., brick and rein.-con. storage plant, rein.-con. flooring, concrete foundation, on Halsted St. and Bway., for A. E. Oblander, 3833 Bway. About $250,000.

Wis., Milwaukee—Until Dec. 14, by P. Braman, comr. Pub. Wks., building 1 story, 50 x 160 ft., rein.-con. and brick repair shop, rein.-con. flooring, concrete foundation, on Market St. About $50,000. C. E. Malig, City Hall, archt. and engr.

Tex., Ft. Worth—Until Dec. 15, by Comrs. Tarrant Co., constructing 2 story, 60 x 90 ft., equipment building and shops, brick, rein.-con. and stone, brick and concrete foundation, for housing county road and bridge machinery. About $25,000. R. A. Nicolais, Ft. Worth Natl. Bldg., archt.

N. D., Bismarck—Until Jan. 15, by F. W. Keith, archt., Bismarck, building 2 story, 52 x 64 ft., rein.-con., brick and tile power plant. About $90,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★**Mass., Cambridge**—Whittemore Bros. Corp. let contract building 3 story, 43 x 63 ft., rein.-con. storehouse, rein.-con. flooring, concrete foundation, on Albany St., to Evatt Constr. Co., Devonshire St., Boston. About $150,000.

Industrial Works (Continued)

★**Mass., East Springfield** (Springfield)—New England Westinghouse Co., Chicopee Falls, let contract building 1 story, 112 x 250 ft., brick and steel factory, rein.-con. flooring, concrete foundation, here, to E. F. Carlson, 310 Main St., Springfield. About $85,000. Noted Sept. 25.

★**Mass., Fall River**—Amer. Thread Co., foot of Kerr St., let contract building addition to boiler house, to Aberthaw Constr. Co., School St., Boston. About $40,000.

★**Mass., Fall River**—Mexican Petroleum Co., 164 Allens Ave., Providence, R. I., let contract building distributing plant, office, pump house and garage, on Providence Ave., here, to T. I. Ellis, 17 Exchange St., Providence. About $100,000.

★**Mass., Fall River**—Sanford Spinning Co., 206 Globe Mills Ave., let contract building 3 story, 120 x 350 ft., rein.-con. addition to mill, rein.-con. flooring, concrete foundation, to New England Concrete & Constr. Co., 201 Devonshire St., Boston. About $400,000.

★**Mass., Holyoke**—Prentiss Wire Mills, 439 Dwight St., let contract remodeling 60 x 100 ft. storage building and 30 x 48 ft. annealing building, also constructing 3 story addition, on Commercial St., to C. Ranger Constr. Co., 20 Bond St. About $50,000.

★**Mass., Holyoke**—Valley Paper Co., 2nd Level Canal, let contract building 2 story, 50 x 350 ft., brick and steel addition to factory, concrete foundation, to P. J. Kennedy & Co., 464 Maple St. About $70,000.

★**Mass., Lynn**—Hilliard & Merrill, 83 South St., Boston, let contract building 5 story, 50 x 500 ft., and 60 x 139 ft. rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Eastern Ave., here, to W. M. Bailey & Co., Broad St., Boston. About $400,000.

★**Mass., New Bedford**—C. A. Best, 61 Locust St., let contract building 1 story, 100x100 ft., brick warehouse, on Nausett St., to Savoie Quarry & Constr. Co., Savoie Ave., Fall River. About $40,000.

★**Mass., Worcester**—C. H. Tenny & Co., 201 Devonshire St., Boston, will build 10 story, 100x140 ft., concrete and steel plant, wood block flooring over concrete. About $500,000. Work will be done by day labor.

★**Mass., Worcester**—Worcester Cold Storage Co., Hygeia St., let contract building 8 story, concrete and steel factory, to C. H. Tenney & Co., 201 Devonshire St., Boston. About $300,000.

★**R. I., Central Falls**—(Pawtucket P. O.)—Fortune Silk Mill, Clay St., let contract building 4 story, 40 x 175 ft., brick and mill construction addition to mill, concrete foundation, to C. I. Bigney Constr. Co., 898 Westminster St., Providence. About $100,000.

★**R. I., Providence**—J. Alix, 1295 North Main St., will build 1 story, 100 x 100 ft., brick and concrete garage, concrete flooring and foundation. About $30,000. Work will be done by day labor.

★**R. I., Providence**—C. B. Bullock, 36 Nesbet St., will build 1 story, 100 x 120 ft. brick and concrete garage, concrete flooring and foundation, on Seekonk St. About $30,000. Work will be done by day labor. Noted Aug. 7.

★**R. I., Providence**—General Baking Co., 207 Brook St., let contract building 2 story, 95 x 115 ft., brick addition to Arnold Bakery, concrete foundation, on John and Williams Sts., to N. U. Lavole, 698 Warren St., East Providence. Noted Sept. 18.

★**R. I., Riverpoint**—H. T. White let contract building 2 story, 60 x 120 ft., brick and timber mill, concrete foundation, at Pastime Park, to F. G. Rowley Co., 260 Central Ave., Pawtucket. About $50,000. Noted July 3.

★**R. I., Valley Falls** (Pawtucket P. O.)—Penikees Mills let contract building 2 story, 40 x 100 ft. mill construction addition to weave shed and 3 story, 85 x 100 ft. brick addition to main plant, concrete foundation, to O. D. Purington & Co., 626 Industrial Trust Bldg., Providence.

★**Conn., New Britain**—Landers, Frary & Clark, Commercial and Center Sts., let contract constructing plant to include 6 story, 80 x 160 ft., 1 story, 46 x 155 ft., 3 story, 40 x 68 ft. and 1 story, buildings, brick and mill construction, on South Stanley St., to Torrington Bldg. Co., 197 Water St., Torrington. About $150,000, $16,000, $15,-000 and $8500 respectively.

★**Conn., New London**—Sheffield Dentifrice Co. let contract building 3 story, 63x 101 ft., brick and mill construction addition to factory, to H. Wales Lines Co., 134 State St., Meriden.

★**Conn., Torrington**—Torrington Co., 59 Field St., let contract building 2 story, 56x340 ft., brick and mill construction addition to factory, concrete foundation, on North Elm St., to Torrington Bldg. Co., 197 Water St.

★**N. Y., Brooklyn**—Callan Bros., 214 East 135th St., New York City, will build 2 story, 85 x 200 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 19th St. and 3rd Ave., here. About $40,000. Work will be done by day labor.

★**N. Y., Brooklyn**—S. Eisenberg, 1499 Lincoln Pl., will build 1 story, 115 x 160 ft., brick and steel garage, rein.-con. flooring, concrete foundation at 342-352 Coney Island Ave. About $50,000. Work will be done by day labor.

★**N. Y., Brooklyn**—H. B. and H. L. Realty Co., 735 Greene Ave., will build 1 story, 95 x 120 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 38th St. and 13th Ave. About $40,000. Work will be done by day labor.

★**N. Y., Brooklyn**—C. Magid, 56 Boerum Pl., will build 1 story, 75 x 160 ft., brick and steel warehouse, rein.-con. flooring, concrete foundation, on Flushing and Irving Aves. About $40,000. Work will be done by day labor.

★**N. Y., Brooklyn**—A. Ullrich, archt. and engr., 371 Fulton St., let contract to Burke Bros. Constr. Co., 62 West 45th St., New York City, building brick and steel factory, rein.-con. flooring, concrete foundation, on Tillery and Raymond Sts., for Metal Tube & Hose Co., c/o architect. About $70,000. Noted Sept. 25.

★**N. Y., Brooklyn**—Rell Realty Co., 39 West 113th St., New York City, will build 1 story, 140 x 140 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Albermarle Rd. and Bedford Ave. About $30,000. Work will be done by day labor.

★**N. Y., Brooklyn**—M. Rothschild, 833 Saratoga Ave., will build 1 story, 75 x 100 ft., brick and steel garage, rein.-con. flooring, brick foundation, on Schenectady Ave. and Herkimer St. About $25,000. Work will be done by day labor.

★**N. Y., Long Island City**—Deed Realty Co., 68 Broad St., New York City, let contract building 6 story, 80 x 253 ft., brick and steel factory, rein.-con. flooring, concrete foundation on Queens St. and Jackson Ave., here, to F. T. Ley, 19 West 44th St., New York City. About $400,000.

★**N. Y., Long Island City**—W. P. White, c/o Ballinger & Perrott, archts. and engrs., 47 West 34th St., New York City, let contract building 10 story, rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on Queens St., to F. T. Ley, 19 West 44th St., New York City. About $1,000,000.

★**N. Y., Middleport**—Niagara Sprayer Co. will build 1 story, 60 x 250 ft., brick and concrete factory. About $40,000. Work will be done by day labor.

★**N. Y., New York**—Two Hundred Fifty-five 5th Ave. Corp., 939 Southern Blvd., will alter 5 story, brick and steel factory, at 255-257 5th Ave. About $25,000. Work will be done by day labor.

★**N. Y., Niagara Falls**—Shredded Wheat Co., 424 Buffalo Ave., let contract building 4 story, 75 x 257 ft., rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Erie Ave., to Monarch Eng. Co., Chamber Commerce Bldg., Buffalo. About $150,000.

★**N. J., Newark**—P. Ballantine & Sons, Oxford St., let contract building power house and 48 x 63 ft. reservoir with 250,-000 gal. capacity of fuel oil, to Essex Constr. Co., 85 Academy St. About $50,-000.

★**Pa., Bloomsburg**—C. Housnick, c/o W. H. Lee, archt., 32nd and 17th Sts., will build 2 story, 112 x 117 ft., concrete and steel garage and dance hall, here. Cost between $40,000 and $50,000. Work will be done by day labor.

★**Pa., Manayunk** (Phila. P. O.)—Phila. Paper Mfg. Co., River Rd., let contract building 2 story, 60 x 200 ft., rein.-con. and brick factory, on Nixon St., to Brown Constr. Co., 4600 Main St. About $72,000.

★**Pa., Phila.**—E. G. Budd Mfg. Co., 25th St. and Hunting Pl., let contract building 4 story, 100 x 300 ft. rein.-con. and steel factory, to Warren, Moore & Co., 13th and Market Sts. About $500,000.

★**Pa., Phila.**—Concordia Silk Hosiery Co., A and Courtland Sts., let contract building 2 story, 45 x 125 ft., brick addition to factory, to H. P. Schneider, 3713 Old York Rd. About $25,000.

★**Pa., Phila.**—J. Furlong, 9th and Green Sts., let contract building 1 story, 60 x 157 ft., brick garage, at 3545 North 8th St., to J. A. Codori, 1235 Arch St. About $25,000.

★**Pa., Phila.**—M. E. Hecht, Empire Bldg., let contract building 4 story, 56 x 86 ft., rein.-con. storage plant and garage, at 1342 Brown St., to Lam Bldg. Co., 1001 Wood St. About $68,000.

★**Pa., Phila.**—Phila. Electric Co., 10th and Chestnut Sts., let contract building 5 story, 150 x 300 ft., rein.-con. and brick, power house, on Beach and Palmer Sts., to Stone & Webster, 16th and Walnut Sts.

★**Pa., Phila.**—Pottash Bros., 504 North Amer. St., let contract building 2 story, 200 x 301 ft. brick and stone factory, on Water and Wolf Sts., to M. Cotler, 1220 North 42nd St. About $150,000.

★**Pa., Phila.**—N. H. Dickinson, archt., 1705 Chestnut St., let contract to J. S. Rogers, Drexel Bldg., constructing 2 story, 50 x 327 ft. brick and rein.-con. factory, for Rockland Hosiery Co., Kensington Ave. and North St. Noted Aug. 28.

★**Md., Baltimore**—S. Friedberg, Norfolk, Va., let contract remodeling 3 story, 100x 130 ft., rein.-con. and steel garage and stores, rein.-con. flooring, concrete foundation, at 602-10 North Howard St., to Consolidated Eng. Co., 243 Calvert Bldg. About $60,000.

★**O., Akron**—Goodyear Rubber Co., East Market St., let contract building 3 story, 150 x 800 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, on Massillon Rd., to Hunkin-Conkey Constr. Co., Century Bldg., Cleveland. About $500,000.

★**O., Cincinnati**—Ruehlmann Flour Co., West 6th St., let contract building 84 x 135 ft. mill, to D. Meinken, Western Ave. About $50,000.

★**O., Cleveland**—Dangler Stove Co., 5017 Perkins Ave., let contract building 1 story, 50 x 200 ft., brick and timber addition, to Boldt Constr. Co., 6110 Euclid Ave. About $50,000.

★**O., Cleveland**—Glidden Varnish Co., Berea Rd., let contract building 3 story, 60 x 100 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, to Hunkin-Conkey Co., Century Bldg. About $600,000.

★**O., Cleveland**—Midwest Box Co., West 106th St. and Western Ave., let contract building 2 story, 100 x 405 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, to J. A. Moffet Constr. Co., Union Bldg. About $300,000. Noted Nov. 27.

★**O., Cleveland**—Overland Larick Co., 18526 St. Clair Ave., let contract building 2 story, 65 x 150 ft., stone and brick garage, brick foundation, on East 152nd St. and St. Clair Ave., to H. G. Claxton, 6522 Euclid Ave. About $50,000.

★**O., Cleveland**—Rubay Co., 1378 West 78th St., let contract building 3 story, 100 x 120 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, on West 78th St., to Watson Eng. Co., 1101 Hippodrome Bldg. About $200,000. Noted Nov. 27.

★**O., Cleveland**—W. H. Smith, 66 Taylor Rd., let contract building 1 story, 140 x 140 ft., concrete, steel and brick foundry and machine shop, rein.-con. flooring, concrete foundation, at 16601 Euclid Ave., to Bolten-Pratt Co., Columbia Bldg. About $50,000.

★**O., Columbus**—Brunt Tile & Porcelain Co., The Chaseland, let contract building 1 story, 65 x 150 ft. brick factory, north of here, to G. Sandbrick, 774 South Ohio Ave. About $30,000.

★**O., Columbus**—Columbus Mill & Mine Supply Co., North Front St., let contract building 1 story, 90 x 350 ft., concrete and brick warehouse and machine shop, on Marion Rd., to R. H. Evans & Co., Columbus Savings & Trust Bldg. About $100,000.

★**O., Lorain**—Aetna Steel Castings Co., 2884 Scranton St., Cleveland, let contract repairing steel and brick factory, brick foundation, here, to W. I. Thompson, 5103 Euclid Ave., Cleveland. About $25,000.

★**Ind., Indianapolis**—Polar Ice & Fuel Co., 20th and Northwestern St., let contract building 2 story, 47 x 90 ft. brick, steel

Industrial Works (Continued)

and concrete, storage plant, rein.-con. flooring, concrete foundation, to W. P. Junglass, Indianapolis. About $50,000.

★**Ill., Chicago**—Amer. Fdry. & Equipment Co., c/o Mundie & Jensen, archts., 39 South La Salle St., let contract building 2 story, 100 x 200 ft., brick and rein.-con. factory, rein.-con. flooring, concrete foundation, on 47th and Richmond Sts., to C. A. Moses Constr. Co., 133 West Washington St. About $150,000.

★**Ill., Chicago**—Brennan Packing Co., 4013 Normal Ave., let contract building 2 story, 75 x 140 ft., brick and rein.-con. packing plant, rein.-con. flooring, concrete foundation, to Wells Bros. Constr. Co., 53 West Jackson Blvd. About $100,000.

★**Ill., Chicago**—Cadillac Motor Car Co., 1343 Cass St., Detroit, Mich., let contract building 6 story, 100 x 160 ft., brick and rein.-con. repair shop, rein.-con. flooring, concrete foundation, on 23rd St. and Indiana Ave., here, to Thompson-Starrett Co., 175 West Jackson Blvd. About $500,000.

★**Ill., Chicago**—Central Mfg. Dist., 38 South Dearborn St., let contract building 6 story, 200 x 200 ft., brick, terra cotta and rein.-con. warehouse, rein.-con. flooring, concrete foundation, on 39th and Winchester Sts., to E. W. Sproul Co., 2001 West 39th St. About $800,000. Goodyear Tire & Rubber Co., East Market St., Akron, O., lessee.

★**Ill., Chicago**—Chicago Electric Mfg. Co., 2817 South Halsted St., let contract building 2 story, 100 x 135 ft., brick and rein.-con. factory, rein.-con. flooring, concrete foundation, on Halsted and 28th Sts., to Stresenreuter Bros., 3020 South Halsted St. About $75,000.

★**Ill., Chicago**—Cuneo-Henneberry Co., 455 West 22nd St., let contract building 2 story, 90 x 125 ft., mill construction, printing plant, concrete foundation, on 22nd and Cottage Grove Sts., to Leyden-Ortseifen Co., 809 Windsor Ave. About $85,000.

★**Ill., Chicago**—Fairbanks, Morse & Co., 900 South Wabash Ave., let contract building 3 story, 150 x 210 ft., brick and rein.-con. warehouse, rein.-con. flooring, concrete foundation, on 38th and Loomis Sts., to E. R. Sproul Co., 2001 West 39th St. About $325,000.

★**Ill., Chicago**—Lincoln Ice Co., 317 North Elizabeth St., will build 2 story, 75 x 150 ft. ice plant, rein.-con. and brick, rein.-con. flooring, concrete foundation, at 329 North Elizabeth St. Work will be done by day labor. Concrete work let to Barton Spiderweb System Co., 304 South Wabash St. Total cost, $60,000.

★**Ill., Chicago**—L. Peterson & Co., 1234 Fullerton Ave., let general contract building 2 story, 60 x 150 ft., mill construction factory, brick foundation, at 1226 Fullerton Ave., to B. J. Reguell & Co., 19 South La Salle St., masonry, to Johnson, Borg & Co., 35 North Dearborn St. Total cost, $45,000.

★**Ill., Cicero**—Hubbard & Co., 306 South Wabash Ave., Chicago, let masonry, carpentry and concrete work, building six 1 or 2 story, brick, terra cotta and rein.-con. factories, on 200 x 565 ft. site, on 12th St. and 54th Ave., to A. Brundage, 110 South Dearborn St., Chicago. About $350,000.

★**Ill., Rockford**—Ziock Paper Box Co., South Wyman St., let contract building 13 story, 70 x 104 ft., concrete addition to factory, concrete foundation, on South Main St., to Holm-Page Co., Kishawaukee St. About $150,000.

★**Mich., Bay City**—C. R. Wilson Boyd Co., 26th and Farragut Sts., let contract building 1 story, 100 x 316 ft., concrete, brick and steel factory, rein.-con. flooring, concrete foundation, to include finishing room and 50 x 150 ft. brick and hollow tile kilns, to H. C. Weber Constr. Co., Center Ave. and Pere Marquette R. R. About $450,000. Noted Sept. 11.

★**Mich., Detroit**—Fisher Body Co., Oakland and Piquette Aves., let contract building 1 story, 57 x 64 ft., rein.-con., brick and steel power house, concrete foundation, on Theodore and Riopelle Sts., to G. A. Fuller Co., 540 Penobscot Bldg., cost $45,000; 1 story, rein.-con., brick and steel power house, rein.-con. flooring, concrete foundation, on Trombley St., to Montague & Forney, 813 Ford Bldg., $80,000; 6 story, 66 x 217 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on St. Antoine St., to H. C. Christman Co., 315 Stevens Bldg.

★**Mich., Detroit**—J. Green, Michigan Ave. and 8th St., let contract building 1 story, 50 x 195 ft., concrete and brick garage, rein.-con. flooring, concrete foundation, on Michigan Ave., to J. B. Curren, c/o H. T. Millar, archt., 320 Lightner Bldg. About $40,000. Noted Nov. 27.

★**Mich., Detroit**—J. Kalbfleisch, 293 Commonwealth Ave., let contract building 2 story, 60 x 100 ft., brick and steel laundry, brick foundation, on McGraw Ave., to H. Zens, 471 Reddig St. About $45,000.

★**Mich., Detroit**—Mutual Electric & Machine Co., 232 Fort St., let contract building 1 story, 75 x 130 ft., brick and steel machine shop and office, concrete foundation, on Porter St., to Daigle Iron Wks., 549 Lafayette Ave., masonry, to Stokes & Whittingham, Penobscot Bldg.

★**Mich., Detroit**—C. E. Rodgers, 34 Goldsmith St., let contract building 1 story, 100 x 214 ft. brick and steel factory, concrete foundation, on West Fort St., to E. Monaghan, West Fort St. About $80,000. Noted Aug. 14.

★**Mich., Detroit**—F. J. Towar, Dime Bank Bldg., let contract building 2 story, 50 x 150 ft., rein.-con., brick, steel and tile garage, rein.-con. flooring, concrete foundation, on Cass Ave. near Davenport St, to W. S. Pocock, 515 Hammond Bldg.

★**Mich., Detroit**—Wadsworth Mfg. Co., Jefferson Ave., let contract building 6 story, rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, to F. E. Walters, Jefferson Ave. and Connors St. About $450,000.

★**Mich., Detroit**—C. R. Wilson Body Co., Clay Ave., let contract building 2 story, 45 x 100 ft., rein.-con., brick and steel power house, rein.-con. flooring, concrete foundation, to A. A. Albrecht Co., 1130 Penobscot Bldg.

★**Wis., Ft. Atkinson**—Creamery Package Mfg. Co., Ft Atkinson Bldg., let contract building 2 story, 40 x 90 ft. rein.-con. and brick plant, rein.-con. flooring, to Raulf Co., Patton Bldg., Milwaukee. About $25,000.

★**Wis., Milwaukee**—J. Benesch & Co., 1264 South Pierce St., let contract building 3 story, 67 x 112 ft. rein.-con. and brick warehouse, rein.-con. flooring, concrete foundation to E. Steigerwald & Sons, 2303 Galena St. About $60,000; cost plus percentage basis.

★**Wis., Milwaukee**—Nordberg Mfg. Co., Chicago and Oklahoma Sts., let contract building 1 story, 100 x 120 ft., brick and steel addition to machine shop, rein.-con. flooring, concrete foundation, to Dahlman Constr. Co., Majestic Bldg. About $60,000.

★**Wis., Milwaukee**—A. O. Smith Corp., 27th and Keefe Aves., let contract building 1 story, 160 x 740 ft., brick and steel machine shop, concrete foundation, on Hopkins St., to E. S. Steigerwald Co., 3607 Vliet St. About $300,000.

★**Ia., Des Moines**—Granette Products Co., 725-2nd St., let contract building 80 x 120 ft. rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on 9th and Murphy Sts., to J. E. Lovejoy, 1006 Mulberry St. About $30,000; cost plus percentage basis. A. Clemens, chn. bldg. com.

★**Ia., Muscatine**—Muscatine Packing Co. let contract building 5 story, brick, rein.-con. and steel plant, rein.-con. flooring, concrete foundation, to Federated Constr. Co., Sioux City. About $1,000,000; cost plus percentage basis.

★**Ia., Sioux City**—Woodbury Co. let contract building 3 story, 100 x 112 ft. brick, rein.-con. and steel warehouse, rein.-con. flooring, concrete foundation, to Riesche & Sanborn, Leech and Floyd River Sts. About $100,000.

★**Ia., Waterloo**—Waterloo Constr. Mchy. Corp., Park Rd., let contract building story, 60 x 141 ft., brick, concrete and steel factory and foundry, concrete foundation, to Currie Simpson Co., Waterloo. About $60,000; cost plus percentage basis.

★**Minn., Minneapolis**—Hewitt & Brown, archts., 716 4th Av., S., let general contract to H. N. Leighton, 125 10th St., S., building 6 story, 150 x 300 ft., rein.-con. factory, on Washington Ave., N., for Northern Bag Co., 101 3rd Ave., S. About $600,000; cost plus percentage basis. Noted Nov. 6.

★**Kan., Atchison**—Cooper Fdry. Co. let contract building 1 story, 120 x 350 ft. brick, rein.-con. and steel foundry, rein.-con. flooring, concrete foundation, to Harris Bros. Co., Chicago, Ill. About $50,000; cost plus percentage basis.

★**Kan., Topeka**—Railway Ice Co. [illegible] contract building 1 story, 44 x 80 ft. and 54 x 87 ft. hollow tile, concrete, brick and steel addition to ice plant, concrete foundation, to E. Drier & Son, Kansas City. About $60,000.

★**Kan., Topeka**—Topeka Tent & Awning Co., 304 Kansas Ave., let contract building additon to factory, to G. Senne, Topeka. About $25,000.

★**Mo., St. Charles**—C. P. Malone, 7th and Olive Sts., let contract building 1 story, 40 x 96 ft., concrete and brick machine shop with 11 concrete machine bases, rein.-con. flooring, rock foundation, to Robinson Constr. Co., Ry. Exch. Bldg., St. Louis. About $45,000.

★**Mo., St. Louis**—R. H. Haenel, 1812 Sidney St., let contract building 3 story, 60 x 65 ft., concrete and brick abattoir and office, rock foundation, to H. H. Johnson, c/o owner. About $50,000.

★**Tex., Houston**—H. F. House let contract building 2 story, rein.-con. warehouse, on Washington Ave. and 10th St., to Horton & Horton, McKinney and Velasco Sts. About $206,000.

★**Colo., Denver**—Denver Post Printing & Publishing Co., 1544 Champa St., let contract building 4 story, 50 x 125 ft. plant, to F. Kirchloof Lumber Co., 1220 7th St. About $150,000; cost plus percentage basis. Noted Sept. 11.

★**Wash., Seattle**—Whiton Hardware Co., 108 1st Ave., S., let contract building 1 story 120 x 150 ft., rein.-con. and brick wholesale house, on 1st Ave., S., to H. J. Allen, 1420 East John St., About $75,000.

★**Que., Montreal**—Alaska Feather and Down Co., 300 St. Ambrose St., let contract building 3 story, 80 x 280 ft., steel, brick and concrete factory, rein.-con. flooring, concrete foundation, on St. Ambrose St., to E. G. Cape Co., 10 Cathcart St. About $200,000.

★**Ont., Port Credit**—St. Lawrence Starch Co. let general contract building 4 story, 60 x 150 ft., brick factory, concrete foundation, to Wells & Gray, Confederation Life Bldg., Toronto. About $90,000.

★**B. C., New Westminster**—Canada Western Cordage Co., 402 Pende St. W., Vancouver, let contract building 1 story, 150 x 200 ft. mill construction factory, concrete foundation, on Brunette River, here, to E. J. Ryan Constr. Co., Ltd., 445 Granville St., Vancouver. About $75,000.

★**B. C., Port Coquitlam**—Gregory Tire & Rubber Co., Standard Bank Bldg., Vancouver, will build 3 story, 70 x 180 ft., factory and 60 x 80 ft. boiler house, concrete, here. About $75,000. Work will be done by day labor.

Buildings

PROPOSED WORK

Mass., Lynn — Parish — St. Stephen's Church plans to build brick and steel, on Common St. About $50,000. H. F. Kellogg, 93 Federal St., Boston, archt.

Mass., Marlboro—Almshouse—City plans to build concrete almshouse. About $50,000. Architect not selected.

Mass., New Bedford—Theatre—Smith Bros., 1821 Purchase St., plan to build brick and rein.-con. (1500 seating capacity). About $125,000.

Mass., Plymouth—Hall—J. W. Churchill, chn. bldg. com., receives bids in spring building 2 story, 80x150 ft., brick and concrete, concrete foundation, on Court St. for town. About $300,000. Little & Russell, 45 Bromfield St., Boston, archts.

Mass., Springfield—Business—Forbes & Wallace, 392 Main St., plans to build 8 story, 80x100 ft., brick, concrete and steel, on Main and Vernon Sts. About $250,000. Kirkham & Partlett, 25 Harrison Ave., archts.

R. I., East Providence (Providence P. O.)—Bank—Jackson, Robertson & Adams, archts., 1216 Turks Head Bldg., Providence, soon receive bids building 1 story, brick and marble, concrete and tile flooring, concrete foundation, on Warren Ave., for Industrial Trust Co., 49 Westminster St., Providence. About $100,000. Noted Aug. 28.

R. I., Newport—Schools—School Com. plans to build school on Bway, and large addition to Rogers High School. About $150,000 and $500,000 respectively. Architect not selected.

Buildings (Continued)

R. I., **Pawtucket**—Theatre—Broad St. Power Co. soon receives bids building 3 story, 110x115 ft., brick and rein.-con. J. F. O'Malley, Central Falls, archt.

Conn., Bridgeport—Bowling Alley—C. J. Lewis, 166 Fairfield Ave., having plans prepared by Davis & Dane, archts., 1024 Main St. for remodeling present plant on Fairfield Ave. and building 3 story, 67 x 87 ft., brick and steel addition in rear, to face on Elm St. About $100,000.

Conn., Bridgeport—Theatre and Business—F. S. Cohen, 1115 Main St., having plans prepared by Reilly & Hart, archts., 749 5th Ave., New York City, for brick and concrete, concrete foundation, on East Main St. About $50,000.

Conn., Glenville—School—C. E. Bearn, 335 Greenwich Ave., Secy. Bd. Educ., Greenwich Twp., soon lets contract building 2½ story, 148 x 155 ft., brick and steel, concrete foundation, here. About $200,000. Noted Aug. 21.

Conn., Hartford—School—City having revised plans prepared by I. A. Allen, Jr., Inc., archts., 904 Main St., and will soon receive bids for 3 story, 108x139 ft. brick, concrete and steel addition to Brown School, on Talcott St. About $300,000. W. E. Cone, 89 Asylum St., chn. com. Former bids rejected. Noted Aug. 21.

Conn., Hartford—Store—C. H. Talcott, 19 Woodland St., having plans prepared by Buchman & Kahn, archts., 56 West 45th St., New York City, for 5 story, 50 x 140 ft., brick and steel, brick foundation, on Main St. About $125,000.

Conn., Middletown—Armory—Payne & Griswold, archts., Manwaring Bldg., New London, receive bids about Dec. 15, building 2 story, 75x200 ft., brick, here, for State Armory Comn., Hartford. About $150,000.

Conn., Salisbury—Dormitories—C. Gilbert, archt., 244 Madison Ave., New York City, soon lets contract building four 3 story, brick, here, for Hotchkiss School.

Conn., Stamford—Club—Italian Social Institute, 76 South St., plans to build 2 story, 100 x 100 ft., brick, concrete and steel. About $100,000. F. Urso, 453 West Main St., archt.

Conn., Torrington — Hotel — Torrington Homes Corp., 68 Wilson Ave., plans to build hotel. About $250,000. Architect not selected.

N. Y., Brooklyn—Bath House—Boro. plans to build brick, steel and rein.-con., rein.-con. flooring, concrete foundation, at McLarren Park, Greenpoint. About $200,000. H. Bacon, 101 Park Ave., New York City, archt. and engr.

N. Y., Brooklyn—Court—Boro. plans to build 2 story, brick and stone, brick foundation, on Snyder Ave. About $100,000. Private plans.

N. Y. Brooklyn — Synagogue — Temple Shaari Torah, care of Kelley & McCarthy, archts. and engrs., 16 Court St., having plans prepared for 1 story, 50 x 100 ft., brick, steel and stone, brick foundation, at 1607 Ave. R. About $175,000.

N. Y., Brooklyn—Theatre—C. G. Cozine, c/o R. T. Short, archt., 370 Macon St., having plans prepared for 120 x 192 ft., brick and steel, brick foundation, on Crescent and Fulton Sts. About $400,000.

N. Y., Buffalo—Community House—Lafayette Presbyterian Church, Lafayette and Elmwood Ave., having plans prepared by M. B. Miller and R. C. Fayfield, archts., Iroquois Bldg., for memorial community house adjoining church. About $100,000. E. D. Emerson, 587 Ashland Ave. chn. finance com. Notd Mar. 13.

N. Y., Coney Island—Bath House—Brooklyn Boro. having plans prepared by J. S. Kennedy, archt. and engr., 157 Remsen St., Brooklyn, for brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, here. About $150,000.

N. Y., New Rochelle—Theatre—A. W. Johnson, archt. and engr., 24 East 42nd St., New York City, receives bids about Jan. 2, building brick and steel, brick foundation, here, for Columbia Realty Bldg. Co., Poughkeepsie. About $140,000.

N. Y., New York—Bank, Office and Store—Bank of United States, 5th Ave. and 32nd St., soon lets contract altering 11 story, brick and steel. About $50,000. Schwartz & Gross, 681-5th Ave., archts. and engrs.

N. Y., New York—Bank and Office—New Pine St. Realty Co., 31-33 Pine St., having plans prepared by Schwartz & Gross, archts. and engrs., 681-5th Ave., altering 4 story, brick and steel. About $200,000.

N. Y., New York—Hall—Victory Hall Assn., 32 Nassau St., having plans prepared by Herts & Robinson, archts. and engrs., 331 Madison Ave., for 4 story, 197 x 400 ft., brick, steel, stone and marble, brick foundation, on Pershing Sq. About $10,000,000. G. W. Wingate, chn.

N. Y., New York—Office—Frazer & Co., 30 Church St., having plans prepared by G. B. Post, archt. and engr., 101 Park Ave., for 34 story, 41x51x104 ft., brick, steel and stone, brick foundation, at 72-76 Trinity Pl.

N. Y., New York—Store and Office—R. Barclay, 299 Bway., having plans prepared by G. and E. Blum, archts. and engrs., 505 5th Ave., altering 5 story, brick and steel. About $50,000.

N. Y., New York—Theatre—C. Davies, 51 East 42nd St., having plans prepared by De Rosa & Pereira, archts., 110 West 40th St., for brick and steel, brick foundation, on Walton and Burnside Aves. About $200,000.

N. Y., New York—Theatre—W. Fox Amusement Co., 126 West 46th St., having plans prepared by Carlson & Wiseman, archts. and engrs., 226 Henry St., Brooklyn, for brick and steel theatre, brick foundation, on Tremont and Washington Aves., (3500 seating capacity). About $400,000.

N. Y., Niagara Falls—Store—Jenss Bros., Division Ave. and Main St., had plans prepared by S. Larke, archt., 719 Main St., and soon receive bids building 4 story, 70 x 140 ft., brick and rein.-con., rein.-con. flooring, concrete foundation, on Main St. About $100,000.

N. Y., Poughkeepskie—Asylum—C. P. H. Gilbert, archt. and engr., 1123 Bway., New York City, preparing preliminary plans for 3 story, brick and steel, brick foundation. About $300,000. Owners name withheld.

N. Y., Watertown—Theatre—A. W. Johnson, archt. and engr., 24 East 42nd St., New York City, receives bids about Jan. 2, building brick and steel, here, for Columbia Realty Bldg. Co., Poughkeepsie. About $200,000.

N. J., Asbury Park—Bank—Seacoast Trust Co. 701 Madison Ave., plans to construct bank on Cookman Ave. and Emory St. About $100,000.

N. J., Bayonne—School—J. A. Jackson, archt., 1123 Bway., New York City, preparing plans for 3 story, brick and steel, here. About $125,000. Owner's name withheld.

N. J., Bayway—Elizabeth P. O.—School—J. A. Jackson, archt., 1123 Bway., New York City, preparing plans for 2 story brick and steel. About $75,000. Owner's name withheld.

N. J., Camden—Club House—W. W. Sharpley, archt., 1713 Sansom St., Phila., soon lets contract building 3 story, 40 x 145 ft., rein.-con., brick and limestone, for Ottawa Tribe of Red Men. Cost to exceed $50,000.

N. J., Elizabeth—School—J. A. Jackson, archt., 1123 Bway., New York City, preparing plans for 3 story, brick and steel, here. About $125,000. Owner's name withheld.

N. J. Jersey City—Hospital—Dirs. Greenville Hospital plan to enlarge hospital, also build nurses home. About $50,000. Architect not selected.

N. J., Jersey City—Office—I. T. Ryerson Co., 203 Westside Ave., plans to construct office building adjoining foundry. About $200,000.

N. J., Lakewood — Theatre — Farber Amusement Co., 109 Clifton Ave., plans to build brick and steel, brick foundation. About $100,000. J. D. Harrison, 52 Vanderbilt Ave., New York City, archt.

N. J., Newark—Bank—City Trust Co., Roseville Ave., plans to construct bank on Roseville and Orange Aves. About $100,000. Holmes & Winslow, Newark, archts. Noted June 5.

N. J., Red Bank—Y. M. C. A., 2 West 45th St., New York City, having plans prepared by Jallade & Lindsey, archts., 37 Wall St., New York City, for 4 story, brick, steel and stone, brick foundation, here. About $65,000.

N. J., Union—School—Bd. Educ. having plans prepared by Rasmussen & Wayland, archts., 1133 Bway., New York City, for 2 story, brick and steel, brick foundation. About $60,000.

Pa., Allentown — Theatre — M. Spiegel, Strand Theatre Bldg., New York City, having preliminary plans prepared by D. Levy, archt., 949 Hamilton Ave., for brick and steel, brick foundation, here. About $250,000.

Pa., Chester — Bank — B. R. Stevens, archt., 1737 Filbert St., Phila., soon receives bids for 1 story, 13 x 26 ft., concrete, brick and stone addition, also extensive interior alterations to 1st Natl. Bank, 5th and Market Sts. Cost to exceed $50,000.

Pa., Chester—Club—C. W. Brazer, archt., Crozer Bldg., soon lets contract constructing 3 story, 60 x 61 ft., brick, steel and terra cotta, for Amer. Club. Cost to exceed, $50,000.

Pa., Easton—Y. M. C. A. plans to construct building. About $300,000.

Pa., Harrisburg — Hospital — Polyclinic Hospital Assn., Front and Harris Sts., plans to build 3 story, 80 x 100 ft., concrete, steel, stone and brick, rock foundation. About $150,000. M. I. Kast and T. M. Kelker, 222 Market St., archts.

Pa., Indiana—Theatre and Office—Jefferson Theatre Co., North Findley St., Punxsutawney, plans to construct concrete and steel, on Philadelphia St., here. About $100,000.

Pa., Jeanette—High School—Boro. voted $250,000 bonds to build high school on 4th St. Noted July 31.

Pa., Johnstown—Office, etc.—Johnstown Poster Advertising Co. plans to build 3 story, 90 x 90 ft. brick, on Central Ave. and Osborn St. About $75,000. J. T. Kelly, pres. Architect not selected.

Pa., Johnstown—School—Bd. Educ. rejected bids building 2 story, 80 x 100 ft. concrete and brick school, at Walnut Grove, 17th Ward. Noted Sept. 25.

Pa., Lansdowne — Office and Store — R. Brewster having plans prepared by Heacock & Hohansen, archts., 1218 Chestnut St., Phila., altering and constructing brick addition to Brewster Bldg. About $50,000.

Pa., McKeesport — High School — School Bd. plans to issue $200,000 bonds to build addition to Technical High School.

Pa., Milton—Housing—Dirs. Milton Housing Co. soon receive bids building dwellings. About $300,000. Hersh & Shollar, Altoona, archts.

Pa., Oil City—Theatre—A. W. Johnson, archt., 24 East 42nd St., New York City, receives bids about Jan. 2, building brick and steel, brick foundation, here, for Columbia Realty Co., Erie. About $200,000.

Pa., Phila.—Auditorium—University of Pennsylvania, 34th and Woodland Sts., plans to build auditorium or School of Mining. About $750,000. Architect or engineer not selected.

Pa., Phila.—Bank—Heacock & Hohansen, archts., 1218 Chestnut St., soon let contract building 2 story, 23 x 96 ft., brick and stone, on 60th and Market Sts., for Mutual Trust Co., Bourse Bldg. Cost to exceed $50,000. Noted Aug. 28.

Pa., Phila.—Hospital—Miseracordia Hospital, Cedar Ave. and 54th St., having plans prepared by F. F. Duranz, archts., 1220 Locust St., for 6 story brick and steel. Cost to exceed $50,000.

Pa., Phila.—Office—Atlantic Refining Co., 3144 Passyunk St., having plans prepared by C. Gilbert, archt., 244 Madison Ave., New York City, for 20 story, 80 x 120 ft., brick, steel and stone, brick foundation, on Broad and Spruce Sts. About $1,000,000.

Pa., Phila.—Schools—Bd. Educ. preparing plans for two 3 story, 115 x 165 ft., concrete and brick grade schools, 1 on 70th and Buist Sts. and another on 9th and Oregon Sts. Cost between $440,000 and $500,000 each.

Pa., Pittsburgh—Office, etc.—Chatfield & Woods Co., 338 3rd Ave., having preliminary sketches prepared by Toupet-Bell & Conley, archts. and engrs., 127 North Highland Ave., for 7 or 8 story, 100 x 160 ft., rein.-con. and steel, office and warehouse, rein.-con and steel, office and warehouse, 2nd Ave. About $400,000.

Pa., Ridgeway—Y. M. C. A., New York City, having plans prepared by Jallade & Lindsey, archts. and engrs., 37 Liberty St.,

Buildings (Continued)

New York City, for brick, steel and stone addition to present building here. About $50,000.

Pa., Sharon—Theatre—A. W. Johnson, archt., 24 East 42nd St., New York City receives bids about Jan. 2, building brick, and steel, brick foundation, for Columbia Realty Co., Erie. About $200,000.

Pa., Steelton — Laboratory — Bethlehem Steel Co. had plans prepared by Bissell & Sinkler, archts., Otis Bldg., Phila., for 3 story, 61 x 114 ft., concrete, stone and brick.

Pa., Sunbury—Schools—City plans election to vote on $180,000 bonds to build new ward school and improve high school. S. Stroh, pres. school bd. A. H. Herr, Wilkes-Barre, archt.

Pa., West Hazleton—School—Bd. Educ. receives bids about Dec. 10, building 2 story, 84 x 132 ft. About $60,000. L. E. Eden, 1170 Bway., New York City, engr. J. T. Simpson, 31 Clinton St., Newark, N. J., archt.

Md., Baltimore—Bank and Office—Mercantile Trust & Deposit Co., Calvert and Redwood Sts., soon lets contract remodeling 2 story, rein.-con., steel and brick. About $60,000. Trowbridge & Livingston, 527 5th Ave., New York City, archts. Noted Aug. 14.

Md., Cambridge—Hotel—Dixon Co., c/o R. L. Harris, archt., 2027 Kennedy Ave., Baltimore, having plans prepared for 50 room, brick, here. About $50,000.

Md., Rock Hall—Terminal—R. J. Aydlotte, engr. for Baltimore & Eastern Shore Ferry Line, Inc., 613 Lexington Bldg., Baltimore, preparing plans for terminal, here. S. A. Tubman, vice pres. and genl. mgr.

D. C., Washington—Hotel—D. Candler, engr. and archt., 753 5th Ave., New York City, soon lets contract building 7 story, brick, steel and stone, brick foundation, here, for War Work Council Natl. Bd. of Y. M. C. A., 347 Madison Ave., New York City. About $800,000.

W. Va., Huntington—School—City voted $405,000 bonds to build new schools and extensions. Noted Nov. 27.

N. C., Concord—Hospital—Cabarrus Sanitarium plans to build hospital. About $75,000.

N. C., Greensboro—Hotel—General Green Hotel Co. plans to build 10 story, 113 x 125 ft. About $500,000.

N. C., Greensboro—Office—Cone Export & Comn. Co. plans to build 3 story, fireproof. About $250,000. Architect not selected.

N. C., Wilmington—School—New Hanover Co. soon lets contract building 3 story, brick, also rein.-con. additions to 4 other buildings and 2 smaller buildings. T. E. Cooper, chn. W. J. Wilkins & Co., Wilmington, archts.

S. C., Columbia—Exchange—North Carolina Telephone Co. soon lets contract building 3 story, 55 x 135 ft., brick and terra cotta, concrete foundation, on Summer St. W. C. Skilser, Chandler Bldg., Atlanta, Ga., engr.

Ga., Savannah—School—Chatham Co. voted $500,000 bonds to build school.

Fla., Key West—School and Auditorium—City soon receives bids building 2 story, 75 x 120 ft. rein.-con. school and auditorium on Division St. About $50,000. R. L. Thomas, 806 Littlefield Bldg., Austin, Tex., archt.

Ala., Florence—School, etc.—Bd. Educ. plans to build 14 room school and auditorium in northern section of city. About $60,000. Noted Aug. 28.

O., Cleveland — Churches — Episcopal Churches of Cleveland receive bids about May, building three 1 story, concrete, steel, brick and stone, rein.-con. flooring, concrete and brick foundation. About $300,000. R. W. Woodroofe, 2669 Euclid Ave., chn. Architect's name withheld.

O., Cleveland—Hotel—G. A. Tenbusch, Union Bldg., receives bids about Mar. 1, building 6 story, 110 x 200 ft., concrete, steel and brick, hotel and garage, rein.-con. flooring, concrete foundation, on East 61st St. and Euclid Ave. About $500,000. W. S. Ferguson Co., 1900 Euclid Bldg., archts.

O., Cleveland—Theatre and Store—J. Spielman, Engineer's Bldg., soon lets contract building 2 story 50 x 154 ft., concrete, steel and brick, rein.-con. flooring, concrete and brick foundation, on Kinsman Rd. and East 117th St. About $60,000. M. Altschuld, 5100 Woodland Ave., archt.

O., Hiram—Science and Dormitory—Hiram College starting campaign to raise $600,000 to build 4 story, concrete, steel and brick, rein.-con. flooring, concrete foundation. F. A. Henry, 405 Sloan Bldg., Cleveland, in charge of campaign. A. Garfield, Natl. City Bank Bldg., Cleveland, archt.

O., Lakewood — Cleveland P. O. — High Schools—Bd. Educ. having preliminary plans prepared by C. W. Hopkinson, archt., Rose Bldg., for two 3 story, concrete, steel and brick. About $300,000 each. P. T. Harrold, clk.

O., Lakewood (Cleveland P. O.)—School—Bd. Educ. receives bids about Mar. 15, building 3 story, 112 x 148 ft., concrete, steel and brick, concrete and brick foundation, on Jackson St. About $200,000. C. W. Hopkinson, Rose Bldg., Cleveland, archt.

O., Warrensville—School—Bd. Educ. having plans prepared by W. H. Nicholas, archt., 1900 Euclid Bldg., Cleveland, and receives bids in February for 2 story, 60 x 120 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $65,000.

O., Youngstown — Church — St. Johns Greek Orthodox Church soon lets contract building 1 story, 50x95 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on Woodland Ave. About $50,000. J. K. Katsary, Erie Bldg., Cleveland, archt.

Mich., Detroit—Commercial—M. Strauss, 803 Real Estate Exch., plans to build 4 story, fireproof. Architect not selected.

Mich., Detroit—Hotel—S. E. Sallan, Sallan Bldg., having plans prepared by R. Marr, archt., 1201 Kresge Bldg., for 7 story, rein.-con., brick and steel, concrete foundation, on East Adams and John R. Sts. About $150,000.

Mich., Halfway—School—School Dist., Gratiot Ave., R. F. D., Mt. Clemens, voted $65,000 bonds to build 2 story, brick and steel, brick foundation, on Gratiot Ave., here. T. Van Damme, Gratiot Ave. Mt. Clemens, archt.

Ill., Rockford—Bank—Third Natl. Bank, East State and 1st Sts., having plans prepared by Perkins, Fellows & Hamilton, archts., 814 Tower Court, Chicago, and receives bids about Jan. 1, building 3 story, 69 x 122 ft., on East State St. About $250,000.

Ill., Rockford—Business and Office—J. H. Camlin, Brown Bldg., plans to build 5 to 8 story, 66 x 150 ft., on North Main St. About $200,000.

Ill., West Frankfort—School—School Bd. soon receives bids building 2 story, 94 x 215 ft., brick and concrete. About $200,000. Architect and engineer not selected.

Wis., Argyle—School—Bd. Educ. plans to build 2 story. About $60,000. L. L. Nelson, clk. Claude & Starck, Badger Annex, Madison, archts.

Wis., Clear Lake — School — Bd. Educ. having plans prepared by W. L. Alban, archt., 347 Endicott Bldg., St. Paul, for 2 story, 53 x 94 ft. brick and stone. About $60,000.

Wis., Milwaukee — Lodge — Knights of Pythias, 82 Wisconsin St., plans to build 8 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $500,000. R. A. Messmer & Bro., Majestic Bldg., archts. and engrs.

Wis., Owen—School—Bd. Educ. having plans prepared by W. D. Alban, archt., 347 Endicott Bldg., St. Paul, for 2 story, 63x 81 ft. brick and stone. About $50,000.

Ia., Fairfield—School—Bd. Educ. having plans prepared by W. Gordon, archt., 319 Hubbell Bldg., Des Moines, for 3 story, 75 x 122 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $100,000. Noted Nov. 27.

Ia., Iowa Falls—Music Hall and Gymnasium—Ellsworth College having plans prepared by W. L. Pedicord, archt., Iowa Falls, for 2 story, brick, concrete and steel, rein.-con. flooring, concrete foundation. About $75,000.

Ia., Jay—School—A. Voris, secy. Bd. Educ., having plans prepared by W. E. Hulse & Co., archts., 210 Masonic Temple, Des Moines, for 2 story, 54 x 70 ft., brick, rein.-con. and stone, concrete foundation. About $50,000.

Ia., Morley—School—Bd. Educ. receives bids about Dec. 31, building 2 story, 45 x 136 ft. brick, concrete and steel, concrete foundation. About $60,000. W. J. Brown, 604 Amer. Trust Bldg., Cedar Rapids, archt.

Ia., Nevinville—School—S. M. Mose having plans prepared by W. E. Hulse & Co., archts., 210 Masonic Temple, Des Moines, for 2 story, 54x70 ft. rein.-con. and brick, concrete foundation. About $50,000.

Ia., Olds—School—Bd. Educ., Consolidated Dist., receives bids about Jan. 1, building 2 story, 63 x 150 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $150,000. Keffer & Jones, 201 Hubbell Bldg., Des Moines, archts. Noted Nov. 27.

Ia., Varina—Church—J. H. Craddock & Co., archts., 504-5 Farnam Bldg., Omaha, Neb., soon let contract building 1 story, 54 x 116 ft. brick, concrete and steel, concrete foundation, for Roman Catholic Church. About $70,000.

Ia., Washington — Hotel — Washington Hotel Co. having plans prepared by C. A. Dieman & Co., archts., 408 Granby Bldg., Cedar Rapids, for 4 story, 60 x 120 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, here. About $100,000. J. M. Wilson, pres.

Ia., Woodbine—School—Bd. Educ., Consolidated Dist., plans to build brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $100,000. W. E. Hulse & Co., Hutchinson, archts.

Minn., Bronson—School—Bd. Educ. having plans prepared by Sund & Dunham, archts., Essex Bldg., Minneapolis, for 2 story, 57 x 80 ft., brick. About $52,000. A. Vick, clk.

Minn., Lafayette—School—Bd. Educ. having plans prepared by K. T. Snyder, archt., Plymouth Bldg., Minneapolis, for 2 story, 64 x 90 ft., brick. About $65,000.

Minn., Richfield — School — Independent School Dist. No. 143 having plans prepared by Stebbins & Haxby, archts., Auditorium Bldg., Minneapolis, for 3 story, 57 x 174 ft., with 73 x 90 ft. wing, brick and hollow tile. About $200,000.

Minn., St. Paul—High School—Bd. Educ. having preliminary sketches prepared by C. A. Hausler, archt., City Hall, for 4 story, rein.-con. and brick, to be known as Central High School.

Minn., St. Paul—High School—Bd. Educ. having plans prepared by C. A. Hausler, archt., City Hall, for 3 story, 197 x 272 ft., rein.-con. and brick, to be known as Westside Junior High School. About $450,000.

Minn., St. Paul—High School—Bd. Educ. having plans prepared by C. A. Hausler, archt., City Hall, for 3 story, 160x239 ft., rein.-con. and brick, to be known as the Westside High School. About $250,000.

Minn., St. Paul—School—Bd. Educ. having plans prepared by C. A. Hausler, archt., City Hall, for 3 story, 67x117 ft., rein.-con. and brick, on Edwards St., to be known as Gaultier School. About $100,000.

Minn., St. Paul—School—Bd. Educ. having plans prepared by C. A. Hausler, archt., City Hall, for 3 story, 64 x 96 ft., rein.-con. and brick addition to Drew School. About $90,000.

Minn., St. Paul — Hotel — M. P. Ryan, 512 St. Peter St., having plans prepared by M. Fitzpatrick, archt., 17 West 9th St., for 10 story, 100 x 102 ft., rein.-con., brick and steel addition, to St. Michael Hotel, 510 St. Peter St. About $200,000.

Kan., Ft. Scott—School—Bd. Educ. having plans prepared by W. T. Schmitt, archt., 1634 West 10th St., Oklahoma City, Okla., for 2 story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $50,000.

Kan., Marion—School—Bd. Educ. plans to build 2 story, 87 x 126 ft. brick, rein.-

Buildings (Continued)

con. and steel, rein.-con. flooring, concrete foundation. About $130,000. T. W. Williamson & Co., 418 Central Natl. Bank Bldg., Topeka, archts.

Kan., Salina—School—Bd. Educ. having plans prepared by W. T. Schmitt, archt., 1634 West 10th St., Oklahoma City, Okla., for 2 story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $55,000.

Neb., Bridgeport — Temple — Masonic Lodge plans to build 2 story, 75 x 125 ft., brick, steel and concrete, concrete foundation. J. C. Pederson, Gering, archt. About $55,000.

Neb., Kearney — Memorial Hospital — Buffalo Co. having plans prepared for 3 story, 38 x 76 ft., concrete, steel and brick, rein.-con. flooring, brick foundation. About $60,000. J. C. Stitt, Norfolk, archt.

Neb., Norfolk—High School—Bd. Educ. having plans prepared for 3 story, brick and steel, rein.-con. flooring, concrete foundation. About $300,000. J. C. Stitt, Norfolk, archt.

Neb., Omaha—Jail—W. J. Hunter, city clk. soon lets contract building 4 story, 86 x 132 ft. rein.-con. and brick, rein.-con. flooring, concrete foundation, on 11th and Dodge Sts. About $200,000. G. L. Fisher, 1529 City Natl. Bank, archt. Noted July 10.

Neb., Osceola—Court House—Polk Co. having plans prepared for 3 story, 64 x 98 ft. concrete, steel and brick, rein.-con. flooring, concrete foundation. About $100,000. W. F. Gernandt, 634 Keeling Bldg., Omaha, archt.

Neb., Loup City—Court House — Sherman Co. soon lets contract building courthouse. About $150,000. Architect not selected.

Wyo., Cheyenne—Hospital—A. A. Boernsen, archt., Cheyenne, soon receives bids building 4 story, 200 x 200 ft., brick and steel, rein.-con. flooring, concrete foundation, on 23rd and House Sts., for Larimer Co. About $300,000.

Mo., St. Joseph — Hospital — Methodist Hospital Assn., having plans prepared by Echel & Aldrich, archts., Corby Bldg., for 4 story, 120 x 180 ft., rein.-con., steel and brick, rein.-con. flooring, brick foundation. About $500,000.

Mo., St. Louis—College—Poro College, 4300 St. Ferdinand St., plans to build 2 and 3 story, 30 x 105 ft., brick addition, at 3100 Pine St. About $50,000. Architect not selected.

Tex., Abilene—College—Simmons College plans to construct 5 buildings, concrete or brick. About $750,000. Architect and engineer not selected.

Tex., Dallas — Business — Advance Rumely Thresher Co., 1105-1107 Patterson Ave., plans to build 2 story, brick, concrete and iron, on Market St. About $50,000. Architect and engineer not given.

Tex., Ft. Worth—Office—Republic Supply Co., 419 North St., has purchased site on North and Lamar Sts., here, and plans to build 6 story, 100 x 100 ft. office and warehouse. About $200,000. Architect not selected.

Tex., Ranger—Hotel—Wilson Hotel Co. having plans prepared by Beshgetoorian & Cabell, archts., Box 529, for 5 story, 85x 146 ft. rein.-con., rein.-con. flooring, on Main St. Abot $250,000. Walsh & Burney, Littlefield Bldg., Austin, engrs.

Tex., San Antonio—Hotel and Theatre—J. A. Robertson and Smith Estate plan to build hotel and theatre, probably concrete, at 213 St. Mary St. About $1,000,000. Architect and engineer not selected.

Okla., Duncan—Court House and Jail—Stephens Co. having plans prepared by J. Hicks, archt., Oklahoma, for 4 story, 70 x 84 ft. brick, rein.-con. and steel, rein-con. flooring, concrete foundation. About $150,000. Noted Sept. 4.

Okla., Kingfisher—Memorial Hall—City having plans prepared by Layton, Smith & Forsythe, archts., 701 Majestic Bldg., Oklahoma, for 2 story, 110 x 125 ft., brick, rein.-con. and steel, rein.-con flooring, concrete foundation, here. About $75,000. Noted Nov. 27.

Okla., McAlester—Church—Presbyterian Church plans to build church. About $75,000. Architect not selected.

Okla., Norman—Dormitory—Indian Consistory No. 2 Masons, c/o W. P. Freeman, McAlester, plans to build 3 story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $150,000. W. T. Schmitt, 1634 West 10th St., Oklahoma, archt.

Okla., Okmulgee — Home — A. F. & A. O. M. plan to build 5 story home, opposite new post office. About $175,000. Engineer not selected.

Ore., Eugene—Hotel—Osborne Hotel Co. having plans prepared by J. Hunzicker, archt., Eugene, remodeling and building 1 story, brick addition. About $50,000.

Ore., Marshfield—Hotel—Coos Bay Hotel Co. plans to build 3 story, brick or concrete addition to Chandler Hotel. About $50,000. W. G. Chandler, Marshfield, archt.

N. S., Halifax — Telephone — Maritime Telegraph & Telephone Co. soon lets contract building 3 story, 30 x 50 ft., brick and concrete, rein.-con. flooring, concrete foundation. About $58,000.

N. B., Moncton — Theatre — Eastern Amusement Co., N. S. Bank Bldg., having plans prepared by R. A. Frachette, 30 Bonnacord St., building 50 x 110 ft., concrete, steel and brick, rein.-con. flooring, on King St. About $300,000.

Que., Montreal—Club—Montreal Amateur Athletic Assn., 259 Peel St., having plans prepared for 3 story, 50 x 110 ft., stone and brick addition, concrete foundation. About $100,000. W. R. Grainger, c/o owners, engr.

Que., Montreal—Hospice—Trustee, Loyola Convalescent Home, 26 Overdale Ave., plans to build 3 story, 75 x 100 ft., concrete, steel and brick, concrete foundation. About $75,000. Architect not selected.

Que., Montreal — Hospital — Children's Main Hospital, Cedar Ave., plans to build 3 story, 60 x 100 ft., concrete and brick extension, concrete foundation. About $100,000. Private plans.

Que., Verdun—Church—Chalmers Presbyterian Church plans to build 50 x 70 ft., stone, steel and brick, concrete foundation, on Church and Ross Sts. About $70,000. S. S. Burns, 444 Lasalle Rd., pastor. Architect not selected.

Ont., Campbellford—High School—Pub. School Bd. plans to submit $69,000 by-law to build 2 story, brick and steel, concrete foundation. Architect not selected.

Ont., Carleton Place—Collegiate Institute—City plans election in January to vote on $180,000 by-law to build 2 story, brick and steel. F. B. Caswell, chn. Architect not selected.

Ont., Fairbank—School—Bd. Educ. York Twp., 57 Adelaide St. E., Toronto, soon lets contract building two 2 story, 11 roomed, concrete, steel and brick, rein.-con. flooring, concrete foundation, near Eglinton Ave. and Vaughan Rd., S.S. No. 15. About $210,000. S. B. Coon & Sons, 810 Excelsior Life Bldg., Toronto, engrs.

Ont., Ft. William—School—Bd. Educ. plans to build technical school, concrete, steel and brick, rein.-con. flooring, concrete foundation, probably 3 story. About $350,000. Architect not selected.

Ont., Hamilton — Post Office — Post Office Dept., Ottawa, plans to build 2 story, 45x60 ft., stone, brick and steel, concrete foundation, on Barton St. About $55,000. R. C. Wright, Parliament Bldg., Ottawa, archt.

Ont., Hamilton—Store—Arcade Ltd., 43 James St., N., plans to build 6 story, 80 x 120 ft. steel and brick, rein.-con. flooring, concrete foundation. About $300,000. Architect not selected.

Ont., Hamilton—Theatre—Pantages Ltd., Temple Bldg., Toronto, plans to build 2 story, steel, brick and concrete, rein.-con. flooring, concrete foundation, here. About $300,000.

Ont., Kitchener—Theatre—F. McCutcheon, Star Theatre, plans to build 1 story, 80 x 100 ft., brick, steel and concrete, rein.-con. flooring, concrete foundation. Architect not selected.

Ont., Niagara Falls—Schools—School Bd. had plans prepared by C. M. Borter, archt. Main St., for 2 room addition to Glenview School and 4 room addition to Kitchener School, concrete, steel and brick, concrete foundation. About $23,000 and $40,000 respectively. W. J. Seymore, clk.

Ont., Ottawa—Bank—La Banque Nationale, 77 St. Pierre St., Quebec, Que., having plans prepared by W. Lacroix, archt., 151½ Cartier Ave., Quebec, building 3 story, 60 x 80 ft. brick, concrete and steel, rein.-con. flooring, concrete foundation. About $80,000.

Ont., Ottawa—Hospital—Hospital Bd. recommended that Bd. Control appoint Stevens & Lee, archts., 2 college St., Toronto, to prepare plans for new hospital. About $1,500,000. D. M. Finnie, chn. Noted Mar. 6.

Ont., Ottawa—Libraries—Carnegie Pub. Library Bd. plans to build library in southern section of city and on King Edward Ave., brick. About $25,000 and $35,000 respectively. W. G. Black, chn. Architect not selected.

Ont., Port Stanley—Dance Hall—London & Port Stanley Ry., Colborne St., London, plans to build 2 story, brick and steel, concrete foundation. About $100,000. Watt & Blackwell, Bank of Toronto Bldg., London, archt.

Ont., Riverdale—Technical School—Bd. Educ., Toronto, plans to build 3 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Greenwood Ave., here.. About $450,000. Architect not selected.

Ont., St. Catharines—High School—School Bd. having preliminary plans and estimates prepared by A. E. Nicholson, archt., 51 Queen St., building 2 story, concrete, steel and brick, concrete foundation. About $80,000. C. T. McBride, secy.

Ont., Sarnia—Sunday School—Methodist Sunday School having preliminary plans prepared by E. A. James Co., Ltd., archt., 36 Toronto St., Toronto, for 2 story, brick and steel, concrete foundation. About $80,000.

Ont., Smith Falls—Church—Westminster Presbyterian Church had plans prepared by A. M. Baydon, archt., Riverdale and Belmont Sts., Ottawa, for 1 story, brick and stone, concrete foundation. About $75,000.

Ont., Toronto — Exhibition—Bd. Dirs. Canadian Natl. Exhibition, 38 King St. E., plans to extend art gallery, transportation building and grand stand on grounds; also construct arena, cattle barns, restaurant, hospital, and other buildings, all 1 story, brick and steel, concrete flooring. About $3,500,000. J. Kent, Kent Bldg., mgr.

Ont., Toronto—Lunch—Bowles Lunch, Ltd., 149 Yonge St., having plans prepared by Harris & Merrit, archts., 53 Yonge St., for 2 story, 50 x 100 ft., brick, steel and concrete, rein.-con. flooring, concrete foundation, on Yonge St. About $125,000.

Ont., Toronto—Office—Engineering Dept. of Hydro Electric Power Comn., University Ave., preparing plans for 6 story, 70 x 120 ft., structural steel addition, rein.-con. flooring, concrete foundation, for Hydro Electric Power Comn., University Ave. About $130,000.

Ont., Toronto—Post Office—Post Office Dept., Ottawa, soon receives bids building 3 story, 60x80 ft., stone and brick, concrete foundation, on Danforth and Carlaw Aves. About $70,000. R. C. Wright, Parliament Bldgs., Ottawa, archt.

Ont., Toronto—School—Bd. Educ. soon lets contract building 2 story, 8 roomed, brick, steel and concrete, concrete foundation About $100,000. E. G. Bird, 6 King St., W., archt. Noted Jan. 9.

Ont., Toronto—Stores and Offices—Wood, Gundy & Co., Canadian Pacific Ry. Bldg., purchased 5 story, 60 x 135 ft., steel and brick building on King and Victoria Sts. and plans to make interior alterations. About $70,000. Architect not selected.

Ont., Toronto—Studio—Canadian Photo Plays Productions Ltd., 33 Canadian Pacific Ry. Telegraph Bldg., Montreal, plans to build 2 story, 100 x 400 ft., stone, brick and steel studio, here, to include 65 x 120 ft. stage, laboratory, carpentry shop, power house, etc. Cost to exceed $300,000.

Ont., Walkerville—Exchange—Bell Telephone Co. of Canada, 118 Notre Dame St., W. Montreal, plans to build 3 story, 80x100 ft., brick, steel and concrete, concrete flooring and foundation. W. J. Carmichael, 22 Hospital St., Montreal, archt. Cost between $150,000 and $200,000.

Ont., Windsor—Club House—All Saints Church having plans prepared by A. H. McPhail, archt., Bd. Trade Bldg., for 3 story, 45 x 60 ft. brick and timber, concrete foundation. About $75,000. Noted Mar. 20.

Buildings (Continued)

Ont., Yorktown—Theatre and Office—J. and J. J. Allen, Richmond and Victoria Sts., Toronto, purchased site here and plans to build 2 story, 100 x 150 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $125,000. C. H. Crane, 2325 Dime Bank Bldg., Detroit, Mich., archt.

B. C., Vancouver — Bank — Merchants Bank of Canada, 500 Granville St., plans to build 3 story, 50 x 120 ft., rein.-con. stone and brick, concrete foundation, on Granville St., near Sobson St. About $250,000.

B. C., Vancouver—Hotel—Twizell, Birds & Twizell, archts., 1019 Metropolitan Bldg., drew sketches for 9 story, 300 x 416 ft. rein.-con. hotel, concrete foundation, on Beach Ave. and Denman St. About $500,000. Owner's name withheld.

B. C. Vancouver—Office—Downing & Kayll, archts, 504 Yorkshire Bldg., receive bids about Dec. 21, building 3 story, 50 x 120 ft., rein.-con. and tile, concrete foundation, for Clark & Stuart Co., Seymour St. About $60,000.

Cuba, Havana—Theatre—Liberty Film Co., c/o De Rosa & Pereva, archts., 110 West 40th St., New York City, having plans prepared for brick and steel, here. About $300,000.

Uruguay—Montevideo—(South America) Cathedral—Montevideo Roman Catholic Church had tentative plans prepared by Barnett, Hayes & Barnett, archts., Century Bldg., St. Louis, Mo., for steel and brick cathedral, concrete foundation, 300 ft. high, 820 ft. long, to include 4 chapels, 4 shrines, isolated tower, etc. About $1,520,000. G. D. Barnett, Sr., Century Bldg., St. Louis, Mo., engr.

BIDS DESIRED

Mass., New Bedford—Hospital—Until Dec. 16, by city, building 3 story, 46 x 175 ft. ward building, 2½ story, 46 x 180 ft. operating building, 2 story, 50 x 160 ft. laundry, brick and rein.-con. flooring, concrete foundation, on Mt. Pleasant St. About $700,000. J. S. McIntyre, Cummings Bldg., archt. Noted Apr. 24.

Mass., Swampscott—School—Until Dec. 11, by School Bd., building 1 story, 78 x 164 ft., brick and 2nd class mill construction, concrete foundation. About $50,000. W. H. McLean, 110 Tremont St., Boston, archt.

Conn., Ansonia—Armory—Until Dec. 10, by State Armory Comn., Hartford, building 2 and 3 story, 75 x 140 ft., brick, here. About $150,000. Former bids rejected.

Conn., Bridgeport—School—Until Dec. 8, by Bd. Educ., building 2½ story, 118 x 130 ft., brick and steel addition to McKinley School (some rein.-con. flooring), concrete foundation, on Kelsey St. About $155,000. F. A. Cooper, 1024 Main St., engr.

N. Y., Wards Island—Hospital—Until Dec 17, (change of date) by State Hospital Comn., Capitol, Albany, building 2 story, 58 x 98 ft., brick and rein.-con., concrete foundation, for Manhattan State Hospital, here About $100,000. L. F. Pilcher, state archt.

Pa., Chester—Theatre, Store and Dance Hall—Until Dec. 8, by H. C. Hodgens, archt., 130 South 15th St., Phila., building 2 story, 120 x 160 ft., concrete, brick, steel and terra cotta, here. About $110,000. Noted Sept. 11.

Pa., Pittsburgh—School—Until Dec. 18 by G. W. Gerwig, secy. Bd. Educ., 725 Fulton Bldg., constructing Westinghouse High School, Monticello St. and Murtland Ave

N. C., Smithfield—Court House—Until Jan. 1, by Comrs. Johnstown Co. building 3 story, court house. About $100,000. H. Barton, Greensboro, archt.

O., Carlisle—School—Until Dec. 19, by G. Trostel, clk., Bd. Educ., building 3 story, 85 x 110 ft., rein.-con., brick and steel, concrete foundation. About $115,000. Walker & Norwick, 1300 Conover Bldg., Dayton, archts. Noted Aug. 14.

O., Cleveland—Hall—Masonic Bldg. Co., 3515 Euclid Ave., receiving bids building 6 story, 118x298 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. at 3515 Euclid Ave. About $700,000. F. Miner, dir. Hubbell & Benes, 4500 Euclid Ave., archts.

O., Cleveland—Hotel—Until Dec. 17, by S. H. Strauss, 14,505 Woodworth Rd., building 2 story, 35 x 190 ft., brick and terra cotta, brick foundation, at 113 Euclid Lane. About $140,000. M. Weis, 618 Union Bldg., archt.

O., Cleveland—School—Until Dec. 29, by Bd. Educ., East 6th St. and Rockwell Ave., building 2 story, 98 x 156 ft., brick, steel and concrete addition, rein.-con. flooring, concrete foundation, on Warner Rd. About $200,000. F. G. Hogan, dir. W. R. Mc Cormack, East 6th St. and Rockwell Ave., archt.

O., East Cleveland—(Cleveland P. O.)—Church—Until Dec. 15, by Trinity English United Brethren Church, Alder Ave., building 1 story, 50 x 60 ft., brick and stone, concrete and brick foundation, on Hayden and Alder Aves. About $50,000. E. J. Erwin, 3161 Corydon Rd., Cleveland Heights, archt.

O., Fairport—School—Until Dec. 23, by Bd. Educ., building 2 story, 84 x 126 ft., brick, concrete and steel, rein.-con. flooring, concrete foundation, on 4th and Vine Sts. About $100,000. K. W. Farley, pres. C. W. Bates, 701 Natl. Bank Bldg., Wheeling, W. Va., archts.

O., Oxford — Dormitory—Until Jan. 15, by Dittoe, Fahnestock & Farber, archts., 18 West 7th St., Cincinnati, building rein.-con. and stone, on Oxford College grounds, for Miami University. About $300,000. W. Franz, 1703 Union Trust Bldg., Cincinnati, engr.

Mich., Detroit—Theatre—Until Dec. 10, by C. H. Crane and E. G. Kiehler, archts., Huron Bldg., building 2 story, 133 x 200 ft., rein.-con., brick, steel and terra cotta, rein.-con. flooring, concrete foundation, on Woodward Ave., for Allen Theatre Enterprises, Richmond St., Toronto, Ont. Noted July 31.

Ill., Chicago—Bank—J. S. Flizikowski, archt., 4848 Barry Ave., receiving bids altering and building 1 story, 80 x 120 ft., brick and timber addition, on Milwaukee Ave. and Division St., for Northwestern Trust & Savings Bank. About $100,000.

Ia., Livermore—Bank—Farmers Savings Bank receiving bids building 3 story, 23 x 58 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $150,000. J. H. Albright, Ft. Dodge, Kan., archt.

Ia., Macksburg—School—Until Dec. 19, by R. M. Wilder, secy. Bd. Educ., c/o W. E. Hulse & Co., archts., 210 Masonic Temple, Des Moines, building 3 story, 50 x 100 ft. rein.-con. and brick, concrete foundation. About $70,000.

Ia., Stennett—School—Until Dec. 16, by R. Davidson, secy. Bd. Educ., building 2 story, 44x81 ft. rein.-con. and brick, concrete foundation. About $50,000. W. Gordon, 319 Hubbell Bldg., Des Moines, archt.

Ia., Storm Lake—School—Until Jan. 13, by Bd. Educ., building 2 story, 75 x 103 ft., brick, concrete and steel, concrete foundation. About $55,000. Martin & Sutherland, Storm Lake, archts.

Kan., Independence—Bank—Until Dec. 23, by Commercial Natl. Bank, building 6 story, 70x140 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $150,000. Weary & Alford Co., 1907 South Michigan Ave., Chicago, Ill., archts. Noted Aug. 14.

Kan., Ness City—Until Dec. 20, by Bd. Educ., building 3 story, 74 x 102 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $65,000. R. A. Curtis, Kansas City, Mo., archt. Noted July 17.

Kan., Pittsburgh—High School—Until Dec. 15, by Bd. Educ., building 2 story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $275,000. W. T. Schmitt, 1634 West 10th St., Oklahoma, archt. Noted Aug. 14.

Okla., Cherokee—Until Dec. 9, by Bd. Educ., building 3 story, 60 x 120 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $75,000. H. G. Noble, Kansas City, Mo., engr. Mann & Gerow, Hutchinson, Kan., archts.

Ariz., Yuma—School—Until Dec. 22, by Trustees Crane School Dist. No. 13 building 1 story, rein.-con. About $50,000. F. A. Noyes, Jr., 522 Amer. Bank Bldg., Los Angeles, archt.

Wash., Seattle—Hall—Until Dec. [illegible] by Bd. Regents of University of Washington, building 3 story, 57x180 ft., rein.-con., brick and terra cotta, on campus. About $2[illegible],000. Bebb & Gould, Securities Bldg., archts.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★**Mass., Boston**—Jail—City let contract building 3 story, 60x100 ft., brick and concrete annex, concrete foundation, on Charles St., to Langan & Shaw Co., Boston. About $248,500.

★**Mass., Brookline**—Hotel—D. Fineberg, Scollay Bldg., Boston, will build 8 story, 75 x 116 ft., concrete and steel, rein.-con. flooring, concrete foundation, on Beacon St. About $225,000. Work will be done by day labor. Noted Sept. 11.

★**Mass., Fall River**—Office—See "Industrial Works."

★**Mass., Framingham**—Dormitory—State Bd. Educ. let general contract building 3 story, 104 x 147 ft., brick, steel and concrete, concrete foundation, for State Normal School, here, to Crawley & Hickey, 18 Tremont St., Boston, heating, to J. J. Hurley Co., 104 Bway., Boston, plumbing, to F. J. Lowe, Boston, and electrical work, to E. C. Lewis, Inc., 121 Federal St., Boston. Total cost, $156,000.

★**Mass., Framingham** — School—School Comn. let contract building 2 story, 157 x 201 ft., brick and stone, some rein.-con. flooring, concrete foundation, on Lincoln St., to C. S. Cunningham & Sons Co., 23 Central Ave., Lynn. About $160,000.

★**R. I., Thornton** — School — Hoppin & Field, archts., 32 Westminster St., Providence, let contract to Hope Bldg. Co. 87 Weybosset St., Providence, building 2 story, 60 x 93 ft., brick and concrete, concrete foundation, for Johnston Twp. About $100,000. Noted June 26.

★**Conn., Torrington**—Club and Auditorium—St. Francis T. A. B. Society, Spear St., let contract building 3 story, 31 x 54 ft. clubhouse and 2 story, 58 x 106 ft., auditorium, brick, concrete and stone, concrete foundation, to F. W. Fuller, 9 Main St. About $75,000. Noted Oct. 30.

★**N. Y., Brooklyn**—Home—New York Congregational Home for Aged, 123 Linden Ave., let contract building 3 story, 38x65 ft., brick, steel and stone addition, brick foundation, to Burke Bros. Constr. Co., 62 West 45th St., New York City. About $65,000.

★**N. Y., Buffalo**—Office, etc.—Simmons Co., 17 Ellicott Sq., let contract building 2 story, 81 x 256 ft., brick and steel office and warehouse, rein.-con. flooring, concrete foundation, to Kenwood Bridge Co., 38 South Dearborn St., Chicago. About $50,000, cost plus percentage basis.

★**N. Y., Mechanicsville**—School—Bd. Educ. let contract building brick and concrete, in School Dist. No. 1, to M. E. Ryan Co., Schenectady, $157,777. Noted June 16.

★**N. Y., New York**—Loft—G. Schirmer, 3 East 43rd St., let contract building 7 story, 25 x 100 ft., brick and steel, brick foundation, at 10 East 44th St., to Niemann & Co., Inc., 25 West 42nd St. About $90,000.

★**N. Y., New York**—Office—Bush Terminal Co., let contract building 1 story, brick and steel addition, at 133 West 41st St., to W. Werner Eng. Co., 50 Court St. Brooklyn. About $60,000.

★**N. Y., New York** — Office — Munson Steamship Co., 82 Beaver St., let contract constructing 20-25 story, at 67-73 Wall St., to G. A. Fuller Co., 175-5th Ave.

★**N. Y., New York**—Stores and Loft—Greenwich Assn., c/o Ames & Co., 31st St., will build 6 story, brick, steel and stone, brick foundation, on Madison Ave. About $75,000. Work will be done by day labor.

★**N. Y., New York**—Theatre—Trepark Realty Co., Inc., 45 Cedar St., will build 2 story, 117x229 ft., brick and steel, brick foundation, on Tremont and Washington Aves. About $300,000. Work will be done by day labor.

★**N. Y., Thiells**—Cottages, etc—F. A. Vanderlip, pres. bd. mgrs. Letchworth Village, 7 Wall St., New York City, let general contract building 8 cottages for girls' group and industrial buildings for boys' group, also building underground tunnel conduit, hot water and steam connections, distributing equipment, sewer and water connections, electric service connections

Buildings (Continued)

for girls group, etc., to P. Keeler Bldg. Co., 425 Orange St., Albany $426,800; heating, to J. C. Williams, Inc, Woolworth Bldg., New York City, $132,872; plumbing, to C. H. Darmstadt, Inc., 352 West 43rd St., New York City, $35,077; laundry equipment, (Proposal No. 1 and No. 2) to Troy Laundry Mach. Co., 133 Center St., New York City, $3000 and $9707 respectively.

★**N. J., Asbury Park**—Theatre—W. Rosenberg, Savoy Theatre, 34th St. and 6th Ave., New York City, will alter brick and steel theatre, here, on Cookman Ave. and St. James Pl. About $100,000. Work will be done by day labor. Noted Sept. 18.

★**N. J., Orange**—Hospital—Crow, Lewis & Wick, archts., 200 5th Ave., New York City, let contract building 4 story, brick and steel addition, brick foundation, to E. E. Paul Co., 101 Park Ave., New York City, for Orange Memorial Hospital. About $250,000. Noted Oct. 23.

★**Pa., Altoona**—Hotel—Blair Hotel Co., Commerce Bldg., let contract building 5 story, 120 x 144 ft., concrete, steel and brick, on 13th Ave. and 12th St., to H. L. Stevens & Co., 30 North Michigan Ave., Chicago, Ill. About $800,000.

★**Pa., Bethlehem** — Laboratory — Lehigh University, Packer Hall, let contract building 3 story, 38 x 60 ft., sandstone, extension to chemistry laboratory, to B. Birkel, 106 East 4th St., South Bethlehem. About $75,000.

★**Pa., Harrisburg** — Synagogue — Ohev Sholom Reformed Jewish congregation let contract building 2 story, Indiana limestone, on Front and Seneca Sts., to Central Constr. Co., Commonwealth Trust Bldg. About $90,000. Noted Aug. 14.

★**Pa., Indiana**—Office—Rochester & Pittsburgh Coal & Iron Co. let contract building 3 story, 50 x 160 ft. and 50 x 52 ft. concrete, brick, tile, slate and marble, to Irwin & Leighton, 126 North 12th St., Phila. About $300,000.

★**Pa., McKeesport**—Office—Natl. Tube Co. let contract building 2 story, 47 x 64 ft. and 3 story 46 x 90 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, to W. Nowell, 6th St.

★**Pa., New Brighton**—High School—Bd. Educ. let contract building 2 story, 82 x 98 ft. and 3 story, 91 x 135 ft. rein.-con., steel and brick, rein.-con. flooring, brick, rock or concrete foundation, on Pierce and East 4th Sts., to H. Weimer, Butler. About $182,500. Noted Sept. 11.

★**Pa., Phila.** — Bank — Broad St. Bank, Broad and Diamond Sts., let contract building 1 story, 37 x 65 ft. marble and brick, to Standard Constr. Co., 1713 Sansom St. About $50,000. Noted Sept. 18.

★**Pa., Phila.** — Bank — J. T. Brugger, archt., 505 Chestnut St., let contract to Roydehouse-Arey Co., 112 North Broad St., for altering and building 3 story, 60 x 75 ft. concrete and stone addition, on 3rd and Arch Sts., for Union Natl. Bank. About $100,000. Noted Sept. 18.

★**Pa., Phila.** — Club House — G. Woodward, St. Martins St., let contract building 2 story, 65 x 85 ft. stone, on Hartville Lane and Ardleigh St., to Pringle-Borthwick, 8018 Germantown Ave. About $60,000.

★**Pa., Phila.**—Hospital—Dept. Health & Charities let contract building 2 and 3 story, 30 x 50 ft. and 50 x 60 ft., brick additions to observation and refectory buildings at Phila. Hospital for Contagious Diseases, Luzerne and 2nd Sts., to W. R. Dougherty, 1608 Sansom St. About $200,000. Noted Aug. 7.

★**Pa., Phila.** — Theatre — Stanley Co. of Amer., 1214 Market St., let contract building 1 story, 143 x 176 ft., brick, terra cotta and steel, on 19th and Market Sts., to Keystone State Constr. Co., Franklin Bank Bldg. About $1,000,000.

★**Pa., Pittsburgh** — Nurses' Home — St. Margaret Memorial Hospital, 46th and Davidson Sts., let contract building 4 story, 36 x 141 ft., brick, tile and concrete, to Cuthbert Bros., Bessemer Bldg. About $95,000.

★**Md., Baltimore**—Dormitory—St. Mary's Industrial School, Wilkens Ave., let contract building 2 story, 43 x 44 ft., concrete and stone, concrete and rock foundation, to Price Constr. Co., Maryland Trust Bldg. About $50,000; cost plus percentage basis.

★**N. C., Wilson**—Bank and Office—Planters Bank let contract building 4 story, 84 x 92 ft., to J. L. Crouse, Greensboro. About $69,000.

★**Ga., Swainsboro**—Court House—Comrs. Emanuel Co. let contract building 3 story court house, to Holley Constr. Co., Swainsboro. About $150,000.

★**Ala., Montgomery** — Memorial Hospital—City let contract building memorial hospital, to T. Purvis, Montgomery. $122,727.

★**La., New Orleans** — Bank and Office — Ouachita Natl. Bank, Monroe, let contract building 4 story, 82 x 119 ft. brick and steel, brick foundation, here, to Underwood Contg. Corp., New Orleans.

★**La., Shreveport** — Church and Sunday School—Highland Baptist Church let contract building 3 story, brick and stone, to Central Constr. Co., 518 Beatty Bldg., Houston, Tex. About $125,000. Noted Mar. 6.

★**O., Cleveland**—Church—Greek Orthodox Church, West 14th St. and Fairfield Ave., let contract building 1 story, 46x85 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on Fairfield Ave., to W. Dunbar Co., 8201 Cedar Ave. About $50,000.

★**O., Cleveland**—Office—Forest City Machine & Forge Co., 5101 Lakeside Ave., let contract building 3 story, 42 x 80 ft., brick addition, brick foundation, to Serv. Constr. Co., 6110 Euclid Ave. About $50,000.

O., Cleveland—Schools—Bd. Educ. received bids building three 2 story, 60x120 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, in Parma Heights, from C. Peterson, Engineers Bldg., $269,700; Drummond & Miller, Guardian Bldg., $299,700.

★**Mich., Alma**—Theatre—C. A. Miller let contract building 2 story, 53 x 132 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Main St., to F. Broughton & Son, Alma. About $60,000.

★**Mich., Detroit** — Hotel and Commercial—J. J. Barlum, 3061 West Grand Blvd., let contract building 10 story, 30 x 36 ft., rein.-con., brick and steel, rein-con. flooring, concrete foundation, on Farmer and John R Sts., to O. Misch, Chamber Commerce Bldg. About $125,000.

★**Mich., Detroit** — Mercantile—Bingham-White Co., Fort St. and Junction Ave., let contract building 4 story, 75 x 100 ft., brick and steel addition, to Hazleton & Clark, Book Bldg. About $75,000. Noted July 3.

★**Mich., Detroit** — Mercantile — Crowley Milner Co., Gratiot Ave., let contract building 1 story, 90 x 200 ft., brick, steel and terra cotta addition, to Montague-Forney, 813 Ford Bldg. About $50,000. Noted Aug. 14.

★**Mich., Detroit**—Mercantile—Moore Realty Co., 512 Holden Bldg., let contract building 2 story, 75 x 100 ft., rein.-con., brick and steel, brick foundation, on Grand River and Vinewood Aves, to W. Johnson, 400 Penobscot Bldg. About $100,000. Noted July 31.

★**Mich., Detroit**—School—Bd. Educ., 50 Bway. Ave., let masonry contract building 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Kenilworth Ave., to Culbertson & Kelly, 809 Ford Bldg., $72,985, carpentry, Harcus & Co., 774 Russell St., $14,126, heating, ventilating and plumbing, Irvine & Meier, 2289 Woodward Ave., $32,488.

★**Ill., Chicago**—Home—A. Foster, archt., 155 North Clark St., let contract to Anderson & Windblad, 6235 Michigan Ave., building 3 story, 40 x 160 ft., brick and rein.-con., rein.-con. flooring, concrete foundation, on 47th St. and Sacramento Blvd., for Archbishop Mundelein, Chicago Ave. and State St. About $100,000. Noted June 19.

★**Ill., Chicago**—Office—D. H. Burnham & Co., archts., 209 South La Salle St., let contract to W. Mavor Co., 72 West Adams St., building 3 story, 120 x 210 ft., brick, stone and steel, concrete foundation, on Cass and Erie Sts., for A. W. Shaw Co., 5 North Wabash Ave. About $225,000. Noted Oct. 23.

★**Ill., Chicago**—Office—Chicago Title & Trust Co., 69 West Washington St., let contract building 1 story, 40 x 93 ft., steel and tile arch construction addition, to McCarthy Bros., 105 West Monroe St. About $75,000.

★**Ill., Evanston** — Parish House — Tallmadge & Watson, archts., 189 West Madison St., let masonry contract to G. King & Son, Evanston, for 2 story, 45 x 140 ft., timber and stone, rock foundation, on Homan and Lee Sts., for St. Luke's Episcopal Parish, 404 Lee St. About $50,000. Noted Aug. 21.

★**Ill., Urbana**—College—Wesley Foundation let contract building 2 story, 150 x 170 ft., concrete and stone, rein.-con. flooring, concrete foundation, to include auditorium, lecture rooms, laboratory, etc., to English Bros., Champaign. About $250,000.

Wis., Madison—Vocational School—F. L. Kronenberg, archt., 18 North Carroll St., received lowest bid building brick addition on Johnson and Carroll Sts., for Bd. Educ., general contract (including masonry, carpentry and hardware), from J. H. Findorff, 601-607 West Wilson St., $269,962; masonry only, L. B. Gilbert, 23 North Pinckney St., $212,129 Noted April 17.

★**Ia., Martensdale**—School—J. M. Archer, secy. Bd. Educ., let contract building 3 story, 56 x 86 ft., rein.-con. and brick, concrete foundation, to J. Maine & Sons, 119 8th St., Des Moines, $52,597.

★**Ia., Ottumwa**—Club—Ottumwa Country Club let contract building 1 story, 60 x 72 ft., concrete and stucco, rein.-con. flooring, concrete foundation, to Salters & Salters, Ottumwa. About $65,000.

★**Minn., Biwabik**—Recreation—City let contract building 2 story, 106x111 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, to L. J. Klippen, 1832 East 6th St., Duluth, $103,250.

★**Minn., Minneapolis**—School—Bd. Educ. let general contract building 1 story, 60 x 194 ft. addition to Whitney School, on 19th Ave., N. E., to C. A. Davis, 2632 Dupont Ave., S., $56,923. Noted Sept. 25.

★**Minn., Montevideo**—Theatre and Office—Home Bldg. Co. let general contract constructing 3 story, 50 x 120 ft., concrete, brick and terra cotta, to Victorson Constr. Co., Andrews Exch. Bldg., Minneapolis. About $65,000, cost plus percentage basis. Noted Sept. 4.

★**Minn., St. Paul**—Business—C. H. Johnston, archt., Capital Bank Bldg., let contract to Butler Bros., New York Life Bldg., constructing 2 story, 130 x 225 ft., rein.-con. and stone addition, on 4th St. and Bway., for Lindeke, Warner & Sons, Capital Bank Bldg. About $100,000, cost plus percentage basis.

★**Minn., St. Paul**—School—Bd. Educ. will build 2 story, 40 x 90 ft., on University Ave. About $55,000. Work will be done by day labor.

★**Kan., Isabell**—School—Bd. Educ. let contract building 2 story, 50 x 75 ft. brick, concrete and steel, concrete foundation, to M. C. Foy, Hutchinson, $53,992.

★**Kan., Norwich**—School—Bd. Educ. let contract building 3 story, 55 x 90 ft., brick, concrete and steel, concrete foundation, to W. W. Doze, Norwich. About $60,000; cost plus percentage basis.

★**S. D., Hoven** — Church — St. Bernard's Church let contract building 60 x 160 ft., brick and steel, concrete foundation, to A. Zwack, 1301 Clay St., Dubuque, Ia. About $200,000.

★**Mo., St. Joseph**—Bank—Tootle-Lacy Natl. Bank will remodel interior of rein.-con., steel and brick, rein.-con. flooring, brick foundation. About $60,000. Work will be done by day labor under supervision of W. Boschen, archt., Tootle-Lacy Natl. Bank Bldg.

★**Mo., St. Joseph**—Hospital—St. Joseph's Hospital, 923 Powell St., let contract building 5 story, 89 x 116 ft., rein.con., steel and brick, rein.-con. flooring, brick foundation, to P. P. Buddy Bldg. & Constr. Co., 501 North Main St. About $300,000, cost plus percentage basis.

★**Mo., St. Louis**—Office—See "Industrial Works."

★**Tex., Wharton**—School—City let contract building 2 story, rein.-con. and steel, rein.-con. flooring, to C. E. Joplin, Wharton. About $80,000. Noted Aug. 14.

★**Okla., Muskogee**—High School—Bd. Ed. let contract building 2 story, 103 x 284 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to Manhattan Constr. Co., 3rd and Fondulac Sts., $229,700.

★**Okla., Norman**—Church—Baptist Church will build 2 story, 50 x 80 ft. brick, concrete and steel, concrete foundation. About $55,000. Work will be done by day labor. W. C. Weir, chn.

★**Colo., Denver** — Office — State Bldg. Comn., Capitol Bldg., let contract building 5 story, 112 x 114 ft., on Colfax Ave.

Buildings (Continued)

and Sherman St., to Seerie & Varnum, 606 Interstate Trust Bldg., $459,110.

★**Ore., Heppner**—Hotel—Heppner Hotel Co. let contract building 3 story, 62 x 126 ft., brick, brick foundation, to Snook & Travers. About $82,000. Noted June 5.

★**Ore., Mt. Angel**—School—St. Mary's Parish, 345 4th St., Portland, let contract building 1 story, 40 x 270 ft. with 2 side wings each 38 x 102 ft. and center wing, 60 x 135 ft., brick, here, to F. X. LeDoux, Henry Bldg., Portland. About $100,000.

★**Que., Montreal**—Exchange—Bell Telephone Co., Bell Telephone Bldg., let contract constructing 2 story, 50 x 75 ft., stone, brick and steel, concrete foundation, on Westminster and Sherbrooke Sts., to A. F. Byers & Co., 340 University St. About $77,500. Noted June 12.

★**Ont., Ford City** — School — Separate School Bd. let contract building 2 story, brick and steel, rein-con. flooring, concrete foundation, to Wells & Gray, Confederation Life Bldg., Toronto. About $140,000.

★**Ont., London** — Medical College — London or Western University let contract building 3 story, 100 x 220 ft., brick and steel, concrete flooring and foundation, to J. Putherbough, 1006 Wellington St. About $305,000.

★**Ont., London**—Military Hospital—Dominion Government, Ottawa, let contract to W. H. Harvey, Kingston, building hospital here, to consist of isolation hospital, pavilion, recreation hall, etc., $167,844.

★**Ont., London**—Theatre—J. & J. J. Allen, Richmond and Victoria Sts., Toronto, let contract building 1 story, 100 x 180 ft. brick, steel and concrete, rein-con. flooring, concrete foundation, here, to N. McLeod, 612 Kent Bldg., Toronto. About $200,000.

★**Ont., New Toronto**—Studio—Canadian Photo Plays, Ltd., Kent Bldg., Toronto, let contract building 3 story, 80 x 150 ft., brick, steel and concrete, rein.-con. flooring, concrete foundation, Hamilton Highway, to Dunbar Eng. Co., Kent Bldg., Toronto. About $150,000.

★**Ont., Niagara Falls** — Collegiate Institute—High School Bd. let contract building 2 story, brick and steel, rein.-con. flooring, concrete foundation, to Canadian Eng. & Contg. Co., Bank of Hamilton Bldg., Hamilton. About $104,500.

★**Ont., Peterboro** — Collegiate Institute — Bd. Educ. let general contract building 3 story, brick, steel and concrete, to Graham & Hayes, Peterboro, $159,963; heating and ventilating, to R. C. Sturgeon & Co., Peterboro, $32,145; plumbing and draining, to G. Brenton, Peterboro, $13,000. Contracts for grading walks, chemical laboratory, manual training equipment, etc., will be let later.

★**Ont., Peterboro**—School—Bd. Educ. let contract building 2 story, brick and steel, rein.-con. flooring, concrete foundation, to R. Sheehy, 751 George St., $167,953. Noted Aug. 14.

★**Ont., Richmond Hill** — Greenhouses — Bedford Park Floral Co., Lawrence Ave. E., Toronto, let contract building greenhouses, here, to King Constr. Co., Ltd., 40 Dovercourt Rd., Toronto. About $50,000.

★**Ont., St. Thomas** — School — Bd. Educ. let contract building 2 story, brick, concrete foundation, to A. E. Ponsford, 605 Talbot St., $50,830. Noted July 31.

★**Ont., Toronto**—Bank—Darling & Pearson, archts., 2 Leader Lane, let contract to Witchall & Son, 156 St. Helens St., building 2, 3 and 4 story, 85 x 93 ft., brick and steel, rein.-con. flooring, concrete foundation, on Queen and Bay Sts., for Dominion Bank, Dominion Bank Bldg. About $100,000. Noted July 10.

★**Ont., Toronto**—Engineering—University of Toronto, Queens Park, let contract building 3 story, 50 x 190 ft., brick, steel and concrete, rein.-con. flooring, concrete foundation, to W. S. Henry, 35 Albertus Ave. About $350,000.

★**Ont., Toronto**—Office—Canadian General Electric Co., 212 King St. W., let contract building 6 story, 50 x 200 ft., brick, concrete foundation, to Holtby Bros., 212 King St. About $200,000. Noted Sept. 25.

★**Ont., Windsor** — Schools — Separate School Bd. let contract building three 2 story, brick and steel additions to St. Edmund's, St. Joseph and Sacred Heart Schools, concrete flooring, to J. V. Gray Constr. Co., Confederation Life Bldg., Toronto. About $140,000. Noted Sept. 18.

★**Ont., Toronto**—Store—W. Steele & Sons, archts., Ryrie Bldg., let general contract to Frid Constr. Co., 61 Adelaide St., E., building 7 story, 90 x 200 ft., steel and brick, concrete flooring and foundation, on Yonge St., for Adams Furniture Co., Ltd., Queen St., E. About $325,000. Noted Sept. 10.

Ont., Toronto—Theatre—Eastern Theatres, Ltd., Adelaide St., E., let contract building brick and steel, concrete flooring and foundation, (seating capacity 3500) on Victoria St., to Jackson Lewis & Co., Ltd., Bell Telephone Bldg. About $650,000; cost plus percentage basis.

B. C., Sapperton—Administration—Canada Western Cordage Co. let contract building 2 story, 150 x 200 ft., tile and rein.-con., to E. J. Ryan Contg. Co., Ltd., Vancouver. About $76,000.

Federal Government Work

PROPOSED WORK

Mass., Fall River—Altering Post Office—Treas. Dept., Wash., D. C., rejected bids received Nov. 18, altering post office, here. Work will be readvertised. J. A. Wetmore, superv. archt.

D. C., Wash.—Electric Traveling Cranes—Spec. 4094—Bureau Yards & Docks, Navy Dept., plans to install electric traveling cranes at proof shop. About $11,000.

O., Akron—Post Office—Treas. Dept., Wash., D. C., had plans prepared by Stoddard & Hopkinson, archts., 1215 Citizens Bldg., Cleveland, for 1 story, 90 x 115 ft., brick and steel, rein.-con. flooring, concrete foundation, on Main St., here. About $75,000.

Minn., Walker — Road Work — Bureau Pub. Rds., Portland, soon receives bids grading and graveling 31 mi. road through Minnesota Natl. Forest, from Cass Lake to Ball Club Sta., 24 ft. wide. About $155,000. E. O. Hathaway, 224 Post Office Bldg., Minneapolis, engr.

Idaho, Grangeville—Road Work—Bureau Pub. Rds., U. S. Dept. of Agriculture, Portland, Ore., having plans prepared for location of highway for South Fork of Clearwater River from Meadow Creek to Rock Point. About $135,000 available from Forest Serv. Bur. and $50,000 from bond issue voted by city highway dist. W. E. Adamson, Grangeville, engr. Noted Aug. 7.

Wash., Yakima—Road Work—Bureau Pub Rds., Portland, Ore., had plans prepared by F. H. Brundage, forest superv., Portland, for 30 mi. Yakima-Bird Creek Meadows Rd., here. About $30,000.

Ore., Astoria—Naval Station—Bureau Yards & Docks, Navy Dept., Wash., D. C., having preliminary plans prepared for naval base on Columbia River, at Tongue Pt., here. Cost site $100,000. Congress will be asked to appropriate $1,500,000 for establishment of base. A. McArthur, Wash., D. C., rep.

Ore., Eugene—Roads—U. S. Dept. Agriculture, Bureau Pub. Rd., 204 Post Office Bldg., Portland, soon lets contract building 15 mi. Blue River Sect. of McKenzie River Natl. Forest Rd., Lane Co., involving 44,000 cu.yd. common and 6000 cu.yd. rock excav., 900 ft. log or pipe culvert, 47 acres clearing. Cost to exceed $75,000 (360 working days). C. H. Purcell, 204 Post Office Bldg., Portland, dist. engr.

BIDS DESIRED

Pa., Phila.—Cranes—Spec. 4092—Until Dec. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building two 5-10 ton hammer head cranes, here. Cost $100,000; $10 deposit required for plans and spec.

D. C., Wash.—Animal House Extension—Until Dec. 23, by Treas. Dept., furnishing materials and labor for building extension to animal house for Hygienic Laboratory, U. S. Pub. Health Serv. J. A. Wetmore, superv. archt.

Va., Norfolk—Cranes—Spec. 4092—Until Dec. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building one 5-10 ton hammer head crane, here. Cost $50,000; $10 deposit required for plans and spec.

W. Va., Wheeling—Lock Gates—Until Dec. 26, by U. S. Engr. Office, furnishing and erecting lock gates for Dams Nos. 23, 25 and 27, Ohio River; advertised in this issue.

S. C., Charleston—Heating—Spec. 4091—Until Dec. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing heating system for torpedo storehouse building No. 101 and building boiler house addition to same, at Naval Ammunition Depot, here; $10 deposit required for plans and spec.

S. C., Charleston—Quay Wall—Spec. 4078—Until Dec. 10, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building about 830 ft. quay wall, here. About $180,000. $10 deposit required for plans and spec.

S. C., Paris Island—Concrete walls—Spec. 4096—Until Dec. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., for about 361 and 181 ft. concrete walls, 6 ft. and 3 ft. high, $10 deposit required for plans aand spec.

Tenn., Memphis—Earthwork—Until Dec. 8, by Mississippi River Comn., 1st and 2nd Dists., Custom House, building 650,000 cu. yd. earthwork in Lower St. Francis and White River Levee Dists.; advertised in this issue.

Wash., Seattle—Dredging—Until Dec. 19, by U. S. Engr. Office, dredging and rock excavating in Willapa River and Harbor; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y. Staten Island**—Aerial Defense Station—Constr. Div., War Dept., Wash., D. C., let contract building aerial defense station, here, to Smith, Houser & McIsaacs, 18 East 41st St., New York City. About $1,000,000. Noted Sept. 25.

Pa., Chester—Remodeling Post Office—Treas. Dept., Wash., D. C., received bids Nov. 24, remodeling post office, here, from F. W. Van Loon, Denckla Bldg., Phila., $6568; C. H. Dading, Bellevue Court Bldg., Phila., $9345; W. McDonald Constr. Co. St. Louis, Mo., $9876.

★**D. C., Wash.**—Proof Shop—Spec. 4054—Bureau Yards & Docks, Navy Dept., let contract building, here, to Stang & Mitchell, 733 Real Estate Trust Bldg., Phila., Pa. $176,070 (365 days).

Va., Richmond—Post Office Alterations—Treas. Dept., Wash., D. C., received bids Nov. 24, altering post office, here, from W. McDonald Constr. Co., St. Louis, Mo., $11,513; W. P. Thurston, Merchants Natl. Bankfl, $17,600.

★**S. C., Charleston**—Chimney—Spec. 4061—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract furnishing material and building radial brick chimney, 250 ft. high and 12½ ft. inside diameter at top, on foundation provided by Government, to M. W. Kellogg Co., 90 West St., New York City. About $19,000 (120 days).

Miss., Meridian—Remodeling Post Office—Treas. Dept., Wash., D. C., received bids Nov. 24, remodeling post office and court house, here, from W. McDonald Constr. Co., St. Louis, Mo., $22,854; W. Wilby, Selma, Ala., $23,975.

La., Monroe—Post Office—Treas. Dept., Wash., D. C., received only bid Nov. 21, remodeling post office here, from G. E. Wright, Inc., Chicago, $6850.

★**Nebraska**—Dam—U. S. Recl. Serv., Wash., D. C., let contracts for 1 sluice gate and 2 balanced needle valves in connection with Pathfinder Dam, North Platte Irrigation Project, Nebraska-Wyoming to Joshua Hendy Iron Wks., 75 Fremont St., San Francisco, $7967 and $45,720 respectively; 2 high pressure emergency gates, to Rock Island Arsenal, Rock Island, Ill., $31,145.

★**Cal., Los Angeles**—Fuel Oil—U. S. Engr. Office, War Dept., Wash., D. C., let contract furnishing fuel oil for U. S. Dredge "San Pedro," here, to Union Oil Co., Union Oil Bldg. Cost $22,400.

Miscellaneous

PROPOSED WORK

Arch — Stamford, Conn. — City having plans prepared by G. A. Freeman, archt., Spelke Blk, for memorial arch in St. Johns Park, marble and bronze on granite base. About $50,000. W. G. Daskam, chn. memorial com.

Miscellaneous (Continued)

Gateway—New Haven, Conn.—Yale University soon lets contract building stone gateway on High St. About $100,000. Private plans. A. T. Hadley, pres.

Piers—Clifton, N. Y.—Dept. Docks, Pier "A," North River, New York City, plans to build 12 piers, each 1000 ft. long, from here to Stapleton. About $15,000,000.

Bulkheads — Hoboken, N. J. — Wilson Steamship Line Co., foot 7th St., plans to build a number of bulkheads on water front, here. Cost over, $50,000.

Beach and Bathhouses—Harrisburg, Pa.—City having plans prepared by E. Z. Gross, comr., and W. H. Manning, park expert, for bathing beach and bathhouses. About $40,000.

Garbage Disposal Plant—New Brighton, Pa.—City plans to build garbage disposal plant. R. W. Pratt, Hippodrome Bldg., Cleveland, O., engr.

Storage Bins and Coal and Ash Handling Machinery—Cleveland Heights, O. (Cleveland P. O.)—Bd. Educ. receives bids about Feb. 23, building storage bins and coal and ash handling machinery, at Lee Road School. J. H. Herron, 1360 West 3rd St., engr.

Pipe and Fittings—Detroit, Mich.—Comr. Purchases and Supplies, Municipal Bldg., soon lets contract furnishing 5280 ft. 8 in. class 175 Universal pipe, eleven 6 x 6 in. tees, five 8 x 8 in. and five 8 x 6 in. crosses, sixteen 6 in. and five 8 in. Bell couplings, five 6 in. and five 8 in. plugs, all Universal fittings. T. H. Leisen, 232 Jefferson Ave., engr.

Subway—Detroit, Mich.—City soon receives bids building subway under Jefferson Ave., at approach to Belle Isle bridge, 36 ft. roadway with portal each side of Jefferson Ave., and rein.-con. retaining wall to protect each side of cut. C. F. Hubbell, city engr. Noted July 31.

Ornamental Lighting System—Austin, Minn.—City having surveys made of lighting system and plans prepared for installation of ornamental lights in business district. Cost between $15,000 and $20,000. Vaughn & Meyer, Security Bldg., Milwaukee, Wis., engrs.

Park—Williston, N. D.—City plans election to vote on $20,000 bonds for park. A. Jack, city engr.

Memorial Park—Boulder, Colo. — City voted $100,000 bonds to build memorial park, to include swimming pool, bath house with heating plant, band stand, play grounds for children and tennis courts. J. Randolph, Boulder, dir.

Harbor Improvement—Warrenton, Ore.—City voted $500,000 bonds to improve and extend harbor, also purchase 100 acres on Columbia and Skipanon Rivers for erection of piers and docks and installation of cranes and necessary apparatus for speedy cargo handling. J. Evenden, aud.

Breakwater—Santa Barbara, Cal.—Municipal Breakwater Comn. had plans prepared by J. R. Chapman, engr., for 1st unit of breakwater plan, this unit to afford protection for pleasure craft, and will be followed by other units to be carried out to deeper water to protect heavier vessels. About $500,000. Noted April 24.

Stadium—El Centro, Cal.—City plans election to vote on $50,000 bonds to build stadium. J. K. Hermon, pres. Security Bank and chm of committee of Chamber Commerce is handling preliminaries.

Arena—Montreal, Que.—Arena Co., Ltd., plans to build 150 x 200 ft. rein.-con. arena, 35 ft. high, rein.-con. flooring, concrete foundation, on St. Lawrence and Sherbrooke Sts. About $250,000. Architect not selected.

Garbage Incinerator—Bellevue, Ont.—Ontario Oakvale Co., Ltd., Toronto, plans to build 2 story, 40 x 50 ft., brick and steel, concrete flooring and foundation. About $40,000.

Tower—East Toronto, Ont.—York Co., 57 Adelaide St., having plans prepared by E. A. James Co., Ltd, 36 Toronto St., Toronto, for memorial tower, 100 ft. high, 14 ft. diameter, stone facing on concrete, spiral stairways, bronze figure, lightning provision, also building two 1 story, 20 x 25 ft., stone museums. About $120,000.

Rink—Guelph, Ont.—Chamber of Commerce purchased site on Cambridge St. and plans to build 1 story, steel and brick, skating rink, concrete foundation. About $60,000. Engineer not selected.

Stadium—Hamilton Ont.—City had plans prepared for wood and concrete stadium, with 20,000 seating capacity. About $100,000. Bylaw will be voted on at next council meeting. E. R. Gray, city engr.

Cars, Locomotive, Etc.—London, Ont.—London & Portland Stanley Ry., Phillip St., plans to purchase 3 electric cars and 1 electric locomotive, cost, $95,000, weigh scales, $9500; also build concrete platforms, $2000, sidings $15,000, concrete overhead crossing, $6000, steam heating system for depot, $4500, comfort stations, $4000, freight shed at dock, $2500, store room, $6000. lockers, $1500, extensions to present buildings, $4500, blacksmith shop, $7000. J. E. Richards, Phillip St., ch. engr.

Skating Rink—Port Arthur, Ont.—Town plans to build 1 story, 200 x 360 ft. steel and brick, concrete foundation. About $100,000.

Stadium—Toronto, Ont.—City plans to build wood stadium with seating capacity of 10,000. About $110,000. R. C. Harris, City Hall, engr. Noted June 12.

Pages 320 to 326, which follow, carry news of proposed work gathered during the last three weeks and published now for the first time.

BIDS DESIRED

Heating, Plumbing, etc.—New Bedford, Mass.—Until Dec. 9, by city, furnishing and installing plumbing, heating, ventilating and electric work for 3 story, 46 x 175 ft. ward building, 2½ story, 46 x 180 ft. operating building, 2 story, 50 x 160 ft. laundry, brick and rein.-con., rein.-con. flooring, concrete foundation, on Mt. Pleasant St. Total cost of buildings $700,000. J. C. McIntyre, Cummings Bldg., archt. Noted Apr. 24 under "Buildings."

Jib Cranes—New York, N. Y.—Until Dec. 23 (change of date), by E. S. Walsh, supt. pub. wks., Capitol, Albany, furnishing and installing two 3-ton electric semi-portal revolving jib cranes on barge canal terminals, at West 53d St., and two at Greenpoint, Contr. 116 Revised. About $61,000; advertised in this issue.

Tractor—Hollidaysburg, Pa.—Until Dec. 17, by T. W. Tobias, controller Blair Co., for purchase of 1 tractor, class 12-20.

Block Flooring—Cleveland, O. — Until Dec. 13, by Comrs. Cuyahoga Co., building floor for bridge over Cuyahoga River, involving 1705 sq.yd. creosoted wood block and 2800 ft. creosoted wood plank. W. A. Stinchcomb, co. engr.

Pump—Cleveland, O.—Until Dec. 19, by city, for purchase of one 20,000,000 gal. high service steam turbine reduction gear driven centrifugal pump. R. Hoffman, city engr.

Timber—Bemidji, Minn.—W. M. Everts, engr. Beltrami Co., receiving bids for 123,000 ft. sawed timber, various sizes, for building bridges on Judicial Ditches Nos. 30 and 36, near Rapid River.

Grain Conveyor Equipment—St. John, N. B.—Until Dec. 9, by Dept. Pub. Wks., Ottawa, building grain conveyer equipment, at Berth 15, here.

Wharf—Owen Sound, Ont.—Until Dec. 12, by Dept. Pub. Wks., Ottawa, rebuilding wharf here. About $86,000. E. Lafleur, Dept. Pub Wks., engr. Noted July 17.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★Foundation — Worcester, Mass. — St. Vincents Hospital, 83 Vernon St., let concrete foundation contract for 4 story, 50 x 120 ft. hospital with 46 x 60 ft. wing, brick, concrete and steel, on Vernon St., to M. J. Kane, 9 Wade St. Total cost, $200,000.

★Coal Pocket—New Haven, Conn.—H. W. Walker, 421 Housatonic Ave., Bridgeport, let contract building 17 x 40 ft. frame coal pocket, on Canal St., to Sullivan & McKeown, 843 Dixwell Ave. About $18,000.

Docks—New York, N. Y.—Dept. of Correction, Municipal Bldg., let contract furnishing material and labor for repairing docks, to A. N. Hazell Inc., 26 Cortland St., $27,242.

Structural Steel—Allentown, Pa.—Victor Talking Machine Co. let contract furnishing about 200 tons structural steel for new lumber shed, to Lehigh Structual Steel Co., foot Allen St.

★Garbage Incinerator—Monessen, Pa.—Boro. let contract building incinerating plant, to J. T. Barr, 434 Diamond St., Pittsburgh, $23,650. Noted Sept. 18.

★Pumps—Osceola Mills, Pa.—Osceola Water Co. let contract furnishing two 400 gal. Booster pumps and force mains from pumps to tanks, to Dravo-Doyle Co., Diamond Bank Bldg., Pittsburgh.

Conduit and Cable—Cleveland, O.—City let contract furnishing 200,000 ft. 2½ x ¼ in. fibre conduit, to Western Electric Co., 413 Huron Rd., cost, $10,547; 40,765 ft. lead encased cable, to Safety Insulated Wire & Cable Co., 700 West Jackson Blvd., Chicago.

★Pavilion—Norfolk, Neb.—Norfolk Live Stock Sales Co. let contract building 1 story, 100 x 100 ft. brick and steel, rein.-con. flooring, brick foundation, to T. Eastergaard, Norfolk. About $55,000.

★Steel—Omaha, Neb.—Chamber of Commerce, W. O. W. Bldg., let steel contract for 1 story, 115 x 127 ft. wood and steel hangar for airplanes, concrete foundation, on Chamber of Commerce Field, to Omaha Steel Works, 4802 Leavenworth St., $9984.

★Oil Pipe Lines, etc.—Houston, Tex.—White Oil Corp., 501-5th Ave., New York City, let contract building about 400 mi. oil pipe lines, pumping stations and tankage, from here to Burkburnett, Wichita Co., to J. G. White Eng. Co., 43 Exch. Pl., New York City. About $5,000,000.

★Transmission Line—Los Angeles, Cal.—Bd. Pub. Serv. will build 15 mi. transmission line from Los Angeles to San Pedro, 100,000 volt. Work will be done by day labor. E. F. Scattergood, 645 South Olive St., ch. engr.

★Levee—Meridian, Cal.—Recl. Dist. No. 70 let contract rebuilding south and portion of river levees and raising east levee, to A. L. Pulford, Colusa, $13,916.

★Heating and Vacuum Systems—Guelph, Ont.—Northern Rubber Co. let contract installing heating and vacuum steam systems, in 4 story factory on Metcalfe St., to Frank & Shuett, 92 Macdonnell St. Cost $11,250.

★Wharf—Hamilton, Ont.—City let contract building wharf, at Wabasso Park, concrete and wood cribwork, to Canadian Eng. & Contg. Co., Bank of Hamilton Bldg. About $34,400.

★Wharf—Naramata, B. C.—Dept. Pub Wks., Ottawa, Ont., let contract building wharf here, to S. Mills, 1029—5th Ave., New Westminster. Noted Aug. 28.

★Derricks, etc.—North Vancouver, B. C.—Wallace Shipyards, Ltd., let contract building derricks and extending ship berths at yard to Hodgson, King & Marble, 508 London Bldg. About $60,000. Work involves 20,000 lin.ft. wood piling and 100,000 ft. timber.

Buildings (Continued)

Mass., Williamstown—Community, etc. —Town Memorial Comn. plans to construct memorial building. About $75,000. Architect not selected.

Mass., Worcester—Nursery—St. Agnes Guild plans to build addition to day nursery, on Vernon St., as memorial to W. F. Davitt. About $50,000. Architect not selected.

R. I., Kingston — Agriculture — Rhode Island State College having plans prepared by E. B. Homer, archt, 87 Weybosset St., Providence, for 3-story, 54 x 120 ft., brick, granite and concrete, on campus. About $65,000.

R, I., Newport — School — St. George's School, Purgatory Rd., having plans prepared by McKim, Mead & White, archts., 101 Park Ave., New York City, for 2-story, memorial school. About $150,000.

R. I., Pascoag — Church — St. Joseph's Roman Catholic Church, plans to build church on Sayles Ave. to replace one recently destroyed by fire. About $50,000. Architect not selected. J. F. Dunn, pastor.

R. I., Providence—College—Brown University, College St., plans to build college, for modern languages. About $150,000. Architect not selected.

R. I., Providence—Gymnasium—Brown University, College St., plans to build brick and steel, on campus. About $75,000. Architect not selected.

R. I., Providence—Hotel—Chamber of Commerce, Bd. Trade Bldg., plans to build hotel on Washington St. About $3,000,000. C. A. Cotton, secy.

R. I., Woonsocket — Church — Notre Dame Roman Catholic Congregation, 253 Social St., plans to build brick and stone church. About $125,000. L. Giroux, pastor. Architect not selected.

R. I., Woonsocket—Church—Universalist Church, Congregational, Main and Church Sts., plans to build 1-story, brick and steel church. About $150,000. E. D. Ellenwood, pastor. Architect not selected.

R. I., Woonsocket—Theatre and Office —A. A. Spitz, Caesar Misch Bldg., Providence, plans to construct 3-story brick building on Main St., here. About $250,000. Architect not selected.

Conn., Bridgeport—Store—Polish Business Men's Assn., 31 Hallett St., plans to construct department store building. About $100,000. J. A. Rutkowski, pres. Architect not selected.

Conn., Bristol—Club—Chamber of Commerce, 244 Main St., plans to build country club and golf course. About $50,000. Architect not selected.

Conn., Bristol—Hospital—Chamber of Commerce, 244 Main St., plans to build hospital. About $125,000. Architect not selected.

Conn., Bristol—Hotel Chamber of Commerce, 244 Main St., plans to build hotel on Prospect St. About $200,000. Architect not selected.

Conn., Bristol—School—School Bd. No. 5 having plans prepared by H. Hayden, archt., 175 Main St., for 2-story, 10-room, brick and steel, in eastern section of city. About $100,000. I. E. Pierce, chn.

Conn., Bristol—School—School Dist No. 1 having plans prepared by W. Potter, archt., 22 east 17th St., New York City, for 2-story, brick, steel and concrete, on Burlington Ave. About $125,000. Address A. F. Woodford, 201 North St. Noted Sept. 18.

Conn., Collinsville — Business—Fradin & Kavaeler having plans prepared by Berenson & Moses, archts., 1026 Main St., Hartford, for 2-story, 60 x 80 ft. brick building, to include stores and bowling alleys. About $50,000.

Conn., Derby—Exchange—Southern New England Telephone Co., 114 Court St., New Haven, plans to build 3-story, brick and steel, on Elizabeth St. About $50,000. Private plans.

Conn., Derby—School—City voted $80,000 bonds to build grammar school, 2nd Ward. Architect not selected. G. P. Sullivan, mayor.

Conn., Elmwood — Housing — New Departure Mfg. Co., 269 North Main St., Bristol, plans to build several houses for workmen, here. About $100,000. Architect not selected.

Conn., Fairfield—Hall—Town plans to build memorial hall. About $100,000. Architect not selected.

Conn., Forestville — Office — Sessions Clock Co., East Main St., having plans prepared by H. Hayden, archt., 175 Main St., Bristol, for 2-story, 50 x 75 ft. brick, concrete and steel building. About $50,000.

Conn., Greenwich — Club—Indian Harbor Yacht Club, Indian Harbor, plans to build clubhouse, to replace one recently destroyed by fire. About $75,000. Architect not selected.

Conn., Hartford — Club — Touro Club, 1003 Main St., plans to build clubhouse. About $50,000. A. Newfield, pres. Architect not selected.

Conn., Hartford—Exchange—South New England Telephone Co., Pearl St., plans to build 6-story, 40 x 100 ft., brick, rein.-con. and steel addition, rein.-con. flooring, on Hicks St. About $200,000. Private engineer.

Conn., Hartford — Schools — Bd. Educ. plans to build school on Greenfield and Redfields Sts. and on Maple Ave. and Benton St. W. H. Scoville, chn, school bd. Architect will soon be selected from competitive drawings.

Conn., Hartford—Ward—Hartford Hospital, 20 Hudson St., plans to construct ward building on Hudson St. About $150,000. Architect not selected.

Conn., Lyme — Gallery — Lyme Art Society, et al, plans to build 1-story memorial art gallery. About $50,000. Architect not selected.

Conn., Meriden—Gymnasium, Hall. etc. —St. Rose Roman Catholic Church, 35 Center St., plans to build gymnasium, assembly hall, meeting and club rooms, on Center St. About $50,000. J. Neale, pastor. Architect not selected.

Conn., Middletown — Armory — State Legislature, Hartford, plans to build 3-story, brick, concrete and steel, on Main St., here. About $150,000. Address W. W. Wilcox, chn. armory bldg. com., 143 High St. About $150,000. Will announce architect later.

Conn., New Britain — Church — Holy Trinity Greek Catholic Church plans to build brick church. About $60,000. A. Borachorich, pastor. Architect not selected.

Conn., New Britain—Exchange—Southern New England Telephone Co., 114 Court St., New Haven, plans to build 40 x 80 ft., on Court St. About $50,000. Architect not selected.

Conn., New Haven—Bank—Mechanics' Bank, Church and Center Sts., having plans prepared by C. S. Palmer, archt., 191 Church St., for 1-story, brick, steel and stone, rein.-con. flooring, concrete foundation, on Church, Center and Gregson Sts. About $150,000. Noted Aug. 28.

Conn., New Haven—Business—Kusterer & Smith, 376 Yale Ave., having plans prepared by F. E. Brown, archt., 11 Autumn St., for brick and steel building, rein.-con. flooring, concrete foundation, on Court St., 6 story, 1st story, 80 x 116 ft. and upper ones 60 x 80 ft. About $100,000.

Conn., New Haven—Loft—J. Kilfeather, 120 Meadow St., having plans prepared by Brown & Von Beren, archts., 185 Church St., for 4-story, 80 x 82 ft., brick and concrete, concrete foundation, on Meadow and Commerce Sts. About $40,000.

Conn., New Haven—Police Station—Bd. Police Comrs. plans to build police station in Cedar Hill Dist. and one on Grand Ave. About $50,000 and $60,000 respectively. Architect not selected.

Conn., New London—Business—A. H. Burr, Alger St., having plans prepared by Bilderbeck & Langdon, Inc., archts., Barrows Bldg., for brick building, on Bank and Montauk Sts. About $50,000. Noted June 12.

Conn., Shelton—High School—Bd. Educ. having plans prepared by Brown & Von Beren, archts., 185 Church St., New Haven, for 2-story, brick and steel. About $125,000. Noted July 24.

Conn., Stafford — High School — Town plans to build brick and steel. About $200,000. Architect not selected.

Conn., Stratford (Bridgeport P. O.)— School—Town plans to build 2-story high school on North Parade St. About $100,000. Architect not selected.

Conn., Torrington — Church—Calvary Baptist Church, Prospect St., having plans prepared by E. H. Waterbury, archt., 60 Main St., altering and building brick addition. About $50,000. W. T. Aiken, pastor.

Conn., Torrington — School — Town plans to build brick and steel, grammar school. About $80,000. C. S. Newcomb, 1st selectman. Architect not selected.

Conn., Torrington—Y. M. C. A., Prospect St., having plans prepared by W. E. Hunt, archt., 197 Water St., for 3-story, brick, concrete and steel building. About $250,000. H. J. Wylie, pres.

Conn., Vernon—High School—Town having plans prepared by W. Potter, archt., 22 East 17th St., New York City, for remodeling 2-story, brick, steel and concrete, on School St. About $85,000. Noted Sept. 18.

Conn., Vernon — School—Town having plans prepared by W. Potter, archt., 22 East 17th St., New York City, for 2-story (10-room) brick and concrete, in west district. About $100,000.

Conn., Wallingford — Armory — State Armory Bd., Hartford, purchased site on Main St. here, and plans to build 2-story armory. About $100,000. Architect not selected.

Conn., West Haven (New Haven P. O.) School—Town having plans prepared by D. E. Smith, archt., West Haven, for 2-story, 8-room, brick, concrete and steel school and assembly hall, on 1st Ave. and Lamson St. About $100,000. J. A. McLoughlin, 241 Spring St., chn. Noted Sept. 18, under "Orange."

Conn., Westport—Y. M. C. A., Greens Farms, plans to construct building on State St., here. About $100,000. Address E. T. Bedford, c/o Y. M. C. A., Greens Farms. Architect not selected.

Conn., Willimantic—Synagogue—Sons of Israel Congregation plans to build 2-story brick and steel synagogue, on Temple St. About $50,000. Architect not selected.

Conn., Windham—School—Town plans to build grammer school on Lockman lot. About $60,000. Architect not selected.

N. Y., Brooklyn—Bank—South Brooklyn Savings Institution, 160 Atlantic Ave., plans to build 80 x 175 ft., brick and stone, brick foundation, on Court St. and Atlantic Ave. Architect or engineer not selected.

N. Y., Brooklyn — Store — Bailey's Department Store, 502 Fulton St., plans to build 10-story, 100 x 200 ft., brick and steel, brick foundation, at 302 Livingston St. About $500,000. Architect or engineer not selected.

N. Y., Frewsburg — School — Bd. Educ. having plans prepared by F. Gruninga, archt., Warren, Pa., for 3-story, 79 x 83 ft., brick, concrete and steel, rein.-con. flooring, concrete foundation. About $80,000. R. A. Freeburg, Jamestown, associate archt.

N. Y., Geneva—Theatre—L. G. Brady plans to build brick and rein.-con., on Castle St. About $60,000.

N. Y., Massena—Hotel—F. A. Empsall, Roth Bldg., Watertown, purchased White's Hotel, here, and plans to build 2 and 3-story brick addition. Cost between $75,000 and $85,000.

N. Y., New Rochelle—Theatre—Loews Theatres, 1492 Bway., New York City, having plans prepared by T. W. Lamb, archt., 644-8th Ave., New York City, for altering brick and steel, here. About $100,000.

N. Y., New York—Club—Ameri. Legion, 19 West 44th St., plans to build 4-story, 50 x 100 ft. brick, steel and stone, brick foundation. About $100,000. P. Tillion & Sons, 103 Park Ave., archts. and engrs.

N. Y., New York—Hall—Victory Hall Assn., 32 Nassau St., plans to build 4-story, 197 x 400 ft., brick, steel, stone and marble memorial hall, brick foundation, on Pershing Sq., to include shooting galleries, auditorium, swimming pool, etc. About $5,000,000. G. W. Wingate, chn. Architect not selected.

N. Y., New York—Hospital—Broad St. Hospital, 27 Broad St., having plans prepared for 10-story, 45 x 75 ft., brick, steel and stone addition, brick foundation, at 123-125 Broad St. About $300,000. W. N. Smith, 101 Park Ave., archt. and engr.

N. Y., New York — Hotel — Monterey Hotel, Bway. and 94th St., having plans prepared by Schwartz & Gross, archts. and engrs. 347 5th Ave., for 62 x 100 ft., brick and steel addition, brick foundation, on Bway. and 95th St.

N. Y., New York — Salesroom — Bush Terminal Co., 130 West 42nd St., having plans prepared by Helmle & Corbett, archts. and engrs., 190 Montague St., Brooklyn, altering 9 and 30-story, steel and brick building, at 137 West 41st St. About $400,000.

Buildings (Continued)

N. Y., New York—Stores and Loft—M. J. Harrison, archt. and engr., 63 Park Row, preparing plans for 6-story, brick and steel, brick foundation, on Madison Ave. About $75,000. Owner's name withheld.

N. Y., New York—Store and Loft—S. Well, 194 Franklin St., having plans prepared by C. B. Meyers, archt. and engr., 1 Union Sq., for 9-story, 60 x 100 ft. brick and steel, rein.-con. flooring, concrete foundation, at 502-508 Canal St.

N. Y., New York—Theatre and Office—B. S. Moss, 729 7th Ave., having plans prepared by De Rosa and Pereira, archts and engrs., 110 West 40th St., for 3-story, brick and steel, brick foundation, on Tremont Ave., 176th St., Carter and Webster Aves. About $750,000.

N. Y., Onondaga—Hospital—Onondaga Co., Syracuse, plans to build 1 and 2-story, 40 x 150 ft. concrete and steel, concrete foundation, at Hoppers Glen, here. Cost between $90,000 and $100,000. M. L. King, Snow Bldg., Syracuse, archt. and engr.

N. Y., Poughkeepsie—Alumnae House—Vassar College plans to build alumnae house on campus. About $100,000. Architect not selected.

N. Y., Rochester—Salesroom and Office—S. A. Cooper, pres. Star Wall Paper Co., 17 Elm St., plans to build 2-story, 55 x 200 ft. brick, concrete and steel, at 29-31 Elm St. About $100,000.

N. Y., Schenectady — Office — General Electric Co., River Rd., plans to construct 5-story, 54 x 229 ft., fireproof building, across street from present general offices.

N. Y., Southhold — School — Bd. Educ. having plans prepared by Tooker & Marsh, archts. and engrs., 101 Park Ave., New York City, for brick, steel and stone, brick foundation. About $75,000.

N. Y., Utica—Theatre—B. S. Moss, 729 7th Ave., New York City, plans to build 100 x 100 ft., brick, steel and stone, brick foundation, here. About $400,000. De Rosa & Pereira, 110 West 40th St., New York City, archts. and engrs.

N. Y., Watertown—Store and Office—F. A. Empsall, Roth Bldg., purchased site adjacent to Y. M. C. A. on lower Washington St., and plans to construct 4-story brick, concrete and steel. Cost between $150,000 and $200,000.

N. Y., Watertown—Store and Office—B. B. Taggart, 341 Washington St., plans to build 5-story concrete and steel building, to replace one recently destroyed by fire. About $400,000.

N. Y., Watertown—Y. W. C. A. plans to extend and construct concrete, brick and steel addition to present building, at Franklin Arcade. About $250,000.

N. J., Asbury Park—Theatre and Dance Hall—A. Pryor, c/o Mann & McNeill, archts., 70 East 45th St., New York City, having plans prepared for brick and steel, here. About $500,000.

N. J., Atlantic City—Hotel—D. M. Linnard, c/o Warren & Wetmore, archts. and engrs., 16 East 47th St., New York City, plans to build brick, steel and stone, brick foundation, here. About $15,000,000.

N. J., Bordentown—School—State Bd. Educ., Trenton, plans to build school, here. About $160,000.

N. J., Newark—Store and Office—U. S. Cigar Stores, 44 West 18th St., New York City, having plans prepared by L. E. Denslow, archt. and engr., 44 West 18th St., New York City, for 2-story, brick and steel, brick foundation, on West Market, Canal and Broad Sts. About $65,000.

A. J., Pennsgrove—Hall—Borough plans to build hall on Main St. About $60,000.

Md., Baltimore — Fire Station — City having plans prepared by A. Osburn, bldg. inspector, City Hall, for 1-story, rein.-con., concrete foundation, on Lexington St., near Gay St. About $150,000. Work will be done under supervision of Bd. Fire Comrs.

Md., Baltimore—Hall—Lithuanian Hall Assn. having plans prepared by S. Russell, archt., 11 East Lexington St., for 3-story, 66 x 137 ft., brick and terra cotta, rock foundation, on Parkin and Hollins Sts. About $55,000. A. Lankaitis, 112 North Greene St., chn. bldg. com.

Md., Baltimore—Hospital—Union Memorial Hospital Trustees having plans prepared by J. E. Sperry, archt., 400 Calvert Bldg., for 4-story, 350 x 400 ft., rein.-con., steel and brick, concrete and rock foundation, on 34th, 35th and Calvert Sts. and Guilford Ave. About $750,000. S. Rowland, Calvert Bldg., chn.

Md., Baltimore — Office — W. F. Spice, 316 Chamber of Commerce Bldg., plans to build 3-story, 37 x 88 ft., steel, brick and marble, concrete foundation, on South and Water Sts. About $75,000. Smith & May, 1133 Calvert Bldg., archts.

Md., Baltimore—Store—United Woolen Mills Co., Coca Cola Bldg., plans to alter and build 2-story, 40 x 70 ft., steel and brick addition, on Calvert and Baltimore Sts. About $60,000. C. M. Anderson, 324 North Charles St., archt.

Md., Baltimore — Snyagogue — Misken Israel congregation having plans prepared by S. Russell, archt., 11 East Lexington St., for 1 and 2-story, 50 x 130 ft., concrete, brick and granite, concrete foundation, at 2310 Madison Ave. About $150,000. A. Kress, 2318 Eutaw Pl., pres.

Md., Baltimore—Theatre—D. Schwaber, 809 Pennsylvania Ave., plans to build 1-story, 92 x 200 ft., rein.-con. and brick, concrete foundation, at 811-19 Pennsylvania Ave. About $50,000. E. G. Blanke, 13 North Calvert St., arch.

D. C., Washington — Theatre — B. S. Moss, 729 7th Ave., New York City, plans to build brick and steel, here. About $300,000. De Rosa & Pereira, 110 West 40th St., New York City, archts. and engrs.

Va., Portsmouth — Temple — Central Labor Union having plans prepared by R. E. Mitchell & Co., Ltd., archts., Flatiron Bldg., Norfolk, for 6-story, 55 x 104 ft., brick and terra cotta, on Washington and King Sts. About $75,000. W. H. Colein, Jr., 323 Owens Ave., pres.

Va., Richmond—Bank—Bank of Commerce & Trusts, 901 East Main St., plans to build bank, at 517 Hull St. About $75,000. Architect not selected.

Va., Richmond — Church — Broad St. Methodist Episcopal congregation plans to build 1-story church, on 10th and Broad Sts. About $250,000. Architect not selected.

Va., Richmond — Church and Sunday School—St. John's Lutheran Church, 8th and Marshall Sts., plans to build 1-story, on Lombardy and Franklin Sts. About $200,000. Address O. Guthe, 501 North Lumbardy St., pastor. Architect not selected.

Va., Richmond—Hospital—Stuart Circle Hospital, Lumbardy and Franklin Sts., having plans prepared by C. M. Robinson, archt., Times-Dispatch Bldg., for 6-story, 40 x 60 ft., rein.-con. and brick addition. About $75,000.

Va., Rivermont — Hospital — Marshall Lodge of Masons having plans prepared by Craighill & Cardwell, archts., Lynchburg, for home and retreat hospital, brick, here. About $150,000.

Va., Suffolk — Hotel — Tidewater Hotel Corp. having plans prepared by Peebles & Ferguson, archts., Law Bldg., Norfolk, for brick hotel, here. About $150,000.

W. Va., Huntington — School — City plans election to vote on $405,000 bonds to build schools.

W. Va., Morgantown—Law—State Bd. Control, Charleston, had plans prepared by C. M. Bates, archt., Wheeling, for 2-story, brick. About $125,000. J. Lakin, secy. Noted Feb. 27.

N. C., Asheville — Hotel — S. Sternberg plans to build hotel. About $350,000. Architect not selected.

N. C., Dunn — Hotel — Dunn Hotel Co. plans to build 4-story hotel. About $100,000. Architect not selected.

N. C., Forest City—Hotel—J. F. Alexander plans to build hotel. About $50,000. Architect not selected.

N. C., Greenville — College — State Bd. Educ. Raleigh, plans to construct dormitory and extend administration building, brick, at Eastern Carolina Training School here. About $200,000. J. A. Salter, Raleigh, state archt.

N. C., Greensboro — Office — Jefferson Standard Life Insurance Co. plans to construct office building. About $1,000,000. Architect not selected.

N. C., Lexington—School—City plans to build school. About $75,000. Architect not selected.

N. C., Morganton — Hospital — State Health Comn., Raleigh, plans to construct receiving building and refrigerator plant, at State Hospital for Insane, here. About $100,000. J. A. Salter, Raleigh, state archt.

N. C., Morganton — Hotel — Morganton Hotel Co. plans to build hotel. About $100,000. L. H. Asbury, Realty Bldg., Charlotte, archt.

N. C., Raleigh—College—State Bd. Educ. plans to construct addition to agricultural building and remodel assembly hall and new dormitory, brick, at A. & E. College, here. About $400,000. J. A. Salter, Raleigh, state archt.

N. C., Roxboro—Court House and Jail—Comrs. Person Co. having plans prepared by H. Barton, archt., Greensboro, for 4-story brick, rein.-con. flooring. About $200,000.

N. C., Scotland Neck — Hotel Burroughs-Peltman-Wheeler Co. plans to build hotel. About $100,000. Architect not selected.

N. C., Wilmington—Church—First Baptist Church plans to build addition to church. About $75,000.

N. C., Wilmington—Office—H. L. Vollers plan to build 1-story, 60 x 80 ft. About $7'00,0'0. H. E. Bonitz, Wilmington, archt.

N. C., Wilson—Bank and Office—Planters' Bank of Wilson had plans prepared by F. A. Bishop, archt., Petersburg, Va., for 3-story, 54 x 92 ft., concrete, granite, marble, limestone and brick, on Nash and Goldsboro Sts. About $75,000.

S. C., Charleston—Bank—Dime Savings Bank having plans prepared remodeling 3-story, 50 x 107 ft. building, on King and Wentworth Sts. About $60,000. J. D. Newcomer, Charleston, archt.

S. C., Charleston — Infirmary — Todd-Simmons-Todd, archts., preparing plans for Thompson Memorial Infirmary, on Calhoun and President Sts., 3-story brick. About $60,000.

Tenn., Knoxville — Theatre — Loew's Theatres, 1492 Bway., New York City, having plans prepared by T. W. Lamb, archt., 644 8th Ave., New York City, altering brick and steel, here. About $150,000.

Tenn., Memphis—Church—Linden Ave. Christian Church plans to build church, probably 2-story. About $200,000. Address B. M. Brown, Madison Ave., chn. bldg. com. Architect not selected.

Tenn., Memphis—Church—Sacred Heart Congregation plans to build church. About $85,000. P. A. Canale, Exch. Bldg., chn. bldg. com. Hanker & Cairns, Scimitar Bldg., archts.

Tenn., Memphis—Club—Civic Clubs of Memphis to build 6 or 8-story, probably 200 x 200 ft. About $500,000. Address C. C. Hanson, pres. City Club.

Tenn., Memphis—Exhibit Halls, etc.—Tri State Fair Assn., Fair Grounds, plans to construct new exhibit halls and grand stand, and reconstruct existing buildings, on Parkway. About $150,000. F. D. Fuller, secy. Architect not selected.

Tenn., Memphis—Hospital—Jewish residents of Memphis plan to build hospital. About $350,000. E. Gates, Exch. Bldg., chn. building com. Architect not selected.

Tenn., Memphis—Hotel—Local business men formed syndicate to build 6 or 8-story hotel, on Main and Adams Sts. About $750,000. Address J. I. Sele, Arlington Hotel, Main and Adams Sts. Architect not selected.

Tenn., Memphis—Office—Doctor's Bldg. Co., c/o C. G. Smith, Exch. Bldg., plans to build 16 to 20-story, on Court St. About $1,000,000. Architect not selected.

Tenn., Nashville — Theatre — Loew's Theatres, 149 Bway., New York City, having plans prepared by T. W. Lamb, archt., 644 8th Ave., New York City, altering brick and steel, here. About $150,000.

Tenn., Ripley—Hotel—Ripley Hotel Co. plans to build hotel on Main St. About $100,000. Address W. Hackett, secy. Architect not selected.

O., Canton—Church—Martin Lutheran Church having plans prepared by Albrecht, Wilhelm & Kelley, archts., 1836 Euclid Ave., Cleveland, for 1-story, 100 x 137 ft., concrete, steel and brick, at 625 Walnut St. About $60,000.

O., Canton—Commercial—Canton Associated Realty Co., 104 3rd St., S. W., having plans prepared by W. Hirsh, archt., 1900 Euclid Ave., Cleveland, for 2-story, 54 x 56 ft., concrete, steel and brick, at 817 5th Ave. About $50,000.

O., Chesterland—Sanitarium—St. Andrew's Benevolent Society, 1451 Hopkins Ave., Cleveland, plans to build 3-story, rein.-con., steel and brick, on 84-acre site, here. About $100,000. Architect not selected.

O., Cincinnati—Lodge—Cincinnati Elks' Lodge No. 5, Elm St. near 9th St., considering site and plans to construct lodge building. About $250,000. Architect and engineer not selected.

Buildings (Continued)

O., Clevealnd—Bank and Office—Citizens Savings & Trust Co., Citizens Bldg., having plans prepared by Graham, Anderson, Probst & White, archts. and engrs., Ry. Exch. Bldg., Chicago, for 20-story, 258 x 383 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation, on Euclid Ave. and East 9th St. About $8,000,000.

O., Cleveland—Church—Plymouth Congregational Church, 3048 Chadbourne Ave., having plans prepared by C. S. Schneider, 258 Euclid Ave., for 2-story, 100 x 260 ft., rein.-con., steel and brick, on Drexmore Rd. About $250,000.

O., Cleveland — Commercial — Hinning Bldg. Furniture Co., St. Clair Ave., having plans prepared by D. T. Oliver, archt., 2851 Euclid Heights Blvd., for 3-story, 79 x 84 ft., rein.-con., steel and brick. About $75,000. Noted Sept. 18.

O., Cleveland—Commercial—A. A. Newman, 9492 Lorain Ave., having plans prepared by R. M. Hullett, archt., 419 Erie Bldg., for 3-story, 59 x 125 ft., rein.-con., steel and brick, on West 95th St. and Lorain Ave. About $75,000.

O., Cleveland — Commercial — M. Striebinger, 6520 Euclid Ave., plans to build 2-story, 40 x 97 ft., concrete, steel and brick, at 1402 West 25th St. About $50,000. Architect not selected.

O., Cleveland — Commercial — Wilbrand Co., 2031 Euclid Ave., plans to build 2-story, 150 x 200 ft., concrete, steel and brick, at 1910 East 21st St. About $250,000. Architect not selected.

O., Cleveland—Hotel—M. Jacobson, 3131 Carnegie Ave., plans to remodel 6-story, 87 x 125 ft., rein.-con., steel and brick, on Payne Ave. and 14th St. About $75,000. Architect not selected.

O., Cleveland—Jail—Cuyahoga Co. defeated $3,500,000 bond issue to build 4-story, 100 x 200 ft., concrete, steel, brick and stone, rein.-con. flooring, concrete foundation, on Lakeside Ave. and West 3rd St. Plans will be revised and another election held about February. W. S. Lougee, Marshall Bldg., engr.

O., Cleveland—Market—Erie Realty Co., Erie Bldg., plans to build 1-story, 78 x 150 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, in rear of Bangor Bldg. About $150,000. Walker & Weeks, Euclid Bldg., archts.

O., Cleveland — Market—Woodland-55th St. Co., 510 Amer. Trust Bldg., having plans prepared by S. H. Wels, archt., Schofield Bldg., for 3-story, 200 x 273 ft., rein.-con., steel and brick, on East 55th St. and Woodland Ave. About $500,000. Noted May 29.

O., Cleveland—Office and Sales—J. O. Hahn and A. De Roy, 2020 Euclid Ave., plans to build 6-story, 80 x 199 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, at 3436 Euclid Ave. About $750,000. Architect not selected.

O., Cleveland — Office — A. L. Newman, 617 Euclid Ave., having plans prepared by W. H. Nickas, archt., 1900 Euclid Ave., for 1-story, 70 x 100 ft., rein.-con. steel and brick addition, at 1126 Euclid Ave. About $60,000. Noted Sept. 18.

O., Cleveland — Office — F. W. Wallace, Citizens Bldg., plans to build 14-story, 101 x 146 ft., rein.-con., steel and brick, on East 4th St. and Euclid Ave. About $1,500,000. Architect not selected.

O., Cleveland—Store—G. W. Koch & Son Co., 10300 Euclid Ave., plans to build 3-story, 60 x 180 ft., concrete, steel, brick and terra cotta, rein.-con. flooring, concrete foundation, on 100th St. and Euclid Ave. About $150,000. Private plans.

O., Cleveland—Theatre and Office—Euclid-17th Co., 214 Williamson Bldg., having plans prepared by T. W. Lamb, engrs. and archts., 1323 Euclid Ave., for 4-story, 86 x 132 ft., concrete, steel and brick, on East 17th St. near Euclid Ave. About $200,000.

O., Cleveland — Theatre — Euclid 17th Co., 214 Williamson Bldg., having plans prepared by T. W. Lamb, archt., 1323 Euclid Ave., for 3-story, 124 x 176 ft., rein.-con., steel and brick, on East 17th St. and Euclid Ave. About $350,000.

O., Cleveland—Theatre—Euclid 102nd St. Impvt. Co., Electric Bldg., plans to build 4-story, 101 x 134 ft., rein.-con., steel and brick, at 2001 East 102nd St. About $250,000. Architect not selected.

O., Cleveland—Theatre and Stores—Gordon Square Co., West 65th St. and Detroit Ave., plans to build 3-story, 150 x 225 x 267 ft., concrete, steel, brick and terra cotta, rein.-con. flooring, concrete foundation. About $700,000. W. G. Caldwell, 1206 Williamson Bldg., archt.

O., Cleveland Heights (Warrensville P. O.)—Schools—Bd. Educ., 340 Leader News Bldg., Cleveland, having plans prepared by F. C. Warner, archt., 768 Hippodrome Annex, Cleveland, for 2-story, 140 x 175 ft., rein.-con., steel and brick addition, on Noble Rd., cost $125,000; 2-story, 100 x 230 ft., rein.-con., steel and brick addition, on Fairfax Rd., $150,000.

O., Columbus—Home—Salvation Army, 584 South High St., having plans prepared by Ohio State University, under direction of J. N. Bradford, for 2 and 4-story, 50 x 187½ ft., concrete and brick, on West on Broad St. About $90,000.

O., Dayton — Bank and Office—Amer. Natl. Bank, 30 South Main St., plans to build 6-8-story, 50 x 200 ft., rein.-con., brick or tile, rein.-con. flooring, concrete foundation, on South Main St. About $500,000. Architect not selected.

O., Dayton — Bank and Office—Third Natl. Bank, Main St., plans to build 116 x 180 ft., rein.-con. stone and brick, rein.-con. flooring, concrete foundation, on North Main St. About $400,000. Architect not selected.

O., Dayton—Office—Fidelity Bldg. Assn., 5th and Main Sts., plans to build 6-story, 37 x 100 ft., rein.-con. and brick addition, rein.-con. flooring, concrete foundation. About $200,000. Architect not selected.

O., Dayton—School—City plans to build 4-story, rein.-con., steel and brick, rein.-con. flooring, concrete foundation, on Eaton Ave. Plans include auditorium, gymnasium, shops, etc. About $400,000. Architect not selected.

O., Dayton—School—St. James' Parrish, Edgemont, plans to build 2-story, 60 x 130 ft., rein.-con., brick and stone, rein.-con. flooring, on Heck Ave. About $150,000. E. Koch, pastor. W. L. Jaekle, 1300 U. B. Bldg., archt.

O., Defiance—School—Bd. Educ. Tiffin Twp., Defiance Co., having plans prepared by McLaughlin & Hulsken, archts., Lima, for 1-story, 150 x 200 ft., brick, here.

O., Franklin—School—Bd. Educ. plans to build 3-story, concrete and brick. About $100,000. G. Hildebrand, clk. Architect not selected.

O., Hamilton—Library—City plans to build 2-story, rein.-con., faced with stone or terra cotta. Cost between $50,000 and $75,000. Architect not selected. Boosters Club now arranging campaign to raise funds.

O., Hamilton—School—Bd. Educ. plans to build 3-story, rein.-con. and brick, concrete foundation, in southern part of city. About $160,000. Architect not selected.

O., Kent—School—Bd. Educ. having plans prepared by Mills & Millspaugh, archts., Marshall Bldg., Cleveland, for 2-story, 50 x 125 ft., concrete, steel and brick, here. About $50,000.

O., Lakewood (Cleveland P. O.)—Church—Lakewood Lutheran Church plans to build 1-story, 46 x 94 ft., concrete, steel and brick, rein.-con. flooring, concrete and brick foundation, on Detroit and Hall Aves. About $50,000. H. A. Kurth, 1281 Nicholson Ave., chn. Architect not selected.

O., Mansfield—Parish House—First Congregation Society having plans prepared by E. B. Caldwell, Jr., archt., 886 Main St., Bridgeport, Conn., for 2-story, brick and steel. About $75,000.

O., Perry—School—Bd. Educ. having revised plans prepared by R. H. Hinsdale, archt., Bangor Bldg., Cleveland, for 2-story, 100 x 150 ft., concrete, steel and brick, on Wilson St. About $100,000. Former bids rejected. Noted July 24.

O., Sidney—Theatre and Store—N. C. Deweese & Co., Poplar St., plans to build 3-story, 75 x 125 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on West Poplar St. About $150,000. Architect not selected.

O., Springfield — Court House — Clark Co. plans to remodel court house, add 1 story, refinish interior, etc. About $95,000.

O., Springfield—Store and Office—Boston Store, 42-50 South Limestone St., plans to build 5-story, 70 x 130 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on South Limestone St. About $300,000. C. E. Dahlgren, mgr. Architect not selected.

O., Youngstown — Church — St. Paul's Reform Church, West Boardman St., plans to build 1-story, on Glenaven and Oak Hill Aves. About $50,000. Architect not selected.

O., Xenia—Hospital—Greene Co. plans to build 3-story, rein.-con. and brick, rein.-con. flooring, concrete foundation, here. About $200,000. Address W. H. Galloway, Xenia. Architect not selected.

Mich., Alpena — Hall — Amer. Legion having plans prepared by A. H. Gould & Sons, archts and engrs., 611 Empire Bldg., Detroit, for 2-story, rein.-con., brick and steel memorial hall, rein.-con. flooring. About $60,000.

Mich., Detroit—Club House—Metropolitan Club, Local No. 1, Elks Temple, Lafayette Blvd., plans to build 3 or 4-story, rein.-con., brick and steel, rein.-con. flooring, on Jefferson Ave. About $100,000. Architect not selected.

Mich., Detroit — Jail—Bd. Supervs. Wayne Co. plans to build brick and steel, on Clinton and Raynor Sts. About $400,000. Address J. C. McCabe, County Bldg., chn. bldg. com. Architect not selected.

Mich., Detroit—Stores—Stahl & Kinsey, archts., 435 Woodward Ave., preparing plans for 2-story, 77 x 110 ft., brick, steel and stone, brick foundation, on Gartner Ave. About $60,000. Owner's name withheld.

Mich., Grand Rapids—Church—Trinity Methodist Episcopal Church having plans prepared by W. E. N. Hunter, archt., 1306 Chamber of Commerce Bldg., Detroit, for 2-story, 180 x 180 ft., brick and steel, concrete foundation. About $200,000.

Mich., Grand Rapids—Home—Comrs. Kent Co. had tentative plans prepared by Osgood & Osgood, archts. and engrs., 810 Fulton St., E., for Juvenile Home, 2 story, 125 x 200 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation. About $150,000.

Mich., Grand Rapids—School—School Dist. No. 6 had plans prepared by F. P. Allen & Son, archts., 463 Houseman Bldg., for 2-story, concrete and brick, on Knapp St. About $50,000.

Mich., Owosso—Hospital—City plans to build memorial hospital, on West King St. About $150,000. J. H. Robbins, member of bd. trustees. Architect not selected.

Mich., Port Huron—Armory—City and State plan to build 2-story, brick and steel, concrete foundation, on Park and Ontario Sts. About $60,000. C. W. Haensel, chn., Bd. of Commerce. Architect not selected.

Ill., Alton—Hospitals—Alton State Hospital plans to construct 12 brick hospital additions, rock foundation. About $510,000. Architect not selected.

Ill., Chicago — Office — Bd. Trade had plans prepared by Holabird & Roche, archts., 104 South Michigan Ave., for 17-story, 125 x 125 ft. steel, concrete foundation, on Jackson and La Salle Sts. About $5,000,000. Plans may be revised.

Ill., Chicago — School — Imaculate Conception Church, 44th and Garfield Sts., had plans prepared by E. Brielmaier & Sons Co., archts. and engrs., University Bldg., Milwaukee, Wis., for 2-story, 67 x 165 ft., brick and rein.-con., rein.-con. flooring, concrete foundation. About $60,000.

Ill., Chicago—Theatre—Lubiner & Trinz, 25 East Jackson St., having plans prepared for 1-story, 170 x 225 ft. rein.-con. and steel, rein.-con. flooring, concrete foundation, on Milwaukee and Sawyer Aves. About $900,000. W. W. Ahlschlager, 111 West Washington St., archt.

Ill., Chicago—Theatre and Offices—W. W. Ahlschlager, archt., 111 West Washington St., head of company being formed, plans to build 18-story, 100 x 151 ft., on Michigan Blvd. and Grand Ave. About $3,000,000.

Ill., East St. Louis—Hotel and Theatre—J. Brennan, Natl. Bank Commerce Bldg., St. Louis, plans to build 3 and 13-story, 133 x 375 ft. brick and steel, rein.-con. flooring, rock and stone foundation, on Collinsville Ave. About $2,000,000. Private plans.

Ill., Evanston — High School — High School Dist., 1217 Ridge Ave., plans to build 3 or 4-story, brick and rein.-con., rein.-con. flooring, concrete foundation, on Elmwood Ave. and Dempster St. About $1,000,000. Architect not selected.

Ill., Homewood—Club—Calumet Country Club having plans prepared by Puckey & Jenkins, archts., 6 North Michigan Ave., Chicago, for 2-story, 150 x 150 ft., stucco, tile and rein.-con., rein.-con flooring, concrete foundation, on 175th St. and Dixie Highway. About $300,000.

Wis., Appleton—Office—Aid Assn. for Lutherans, 1st Natl. Bank Bldg., plans to build 5-6-story, brick and stone. About $200,000.

Wis., Chippewa Falls—Office—E. G. Pannier & Son, 916 Prairie st., having plans prepared by Schling & Bailey, archts., 53 West Jackson Blk., Chicago, for 2-story, 130 x 200 ft. rein.-con. and brick, rein.-con. flooring, concrete foundation. About $125,000.

Buildings (Continued)

Wis., Dousman — Hospital and Home —Wisconsin Masonic Home Com. having plans prepared by A. D. Koch, archt., Wells Bldg., Milwaukee, for 2-story hospital and 2-story, 100 x 200 ft. home, here, both rein.-con. and brick, rein.-con. flooring, concrete foundations. About $50,000 and $250,000 respectively. Address A. E. Matheson, 624 St. Lawrence Ave., Janesville, chn.

Wis., Janesville — High School — Bd. Educ. plans to build 3-story, 180 x 210 ft. rein.-con. and brick, rein.-con. flooring, concrete foundation. About $300,000. Van Ryn & De Gelleke, Caswell Blk., Milwaukee, archts.

Wis., Kenosha—Theatre—C. Pacini, 258 Main St., having plans prepared by H. Crane, archt., 2323 Dime Bank Bldg., Detroit, Mich., for 3-story, 32 x 125 ft., brick and terra cotta, on Main St. About $200,000. Noted Feb. 6.

Wis., La Crosse — School — Common Council plans to issue $300,000 bonds to build new schools.

Wis., Manitowoc — High School — Bd. Educ. having plans prepared by Perkins, Fellows & Hamilton, archts., 814 Tower Court, Chicago, Ill., for 3-story, brick, timber and stone, rein.-con. flooring. About $150,000.

Wis., Manitowoc — Theatre — George Bros., 913 South 8th St., plan to build 100 x 125 ft. brick, concrete and steel. About $150,000.

Wis., Mauston—Theatre—L. A. Hasse and F. L. Van Wie plan to build 2-story, 110 x 200 ft. brick, concrete and stone, theatre, auditorium, billiard hall and bowling alley.

Wis., Middleridge (Bangor P. O.)—Church—St. Peter's Catholic Church having plans prepared by Liebert & Liebert, archts., 1st Wisconsin Natl. Bank Bldg., Milwaukee, for 46 x 114 ft., brick and steel, concrete foundation. About $50,000.

Wis., Milwaukee — Church — German Baptist Church having plans prepared by Leiser & Holst, archts., 105 Wells St., for 2-story, brick, on Kilbourn and Pine Sts. About $65,000.

Wis., Milwaukee — Home — St. John's Home for Aged Women, 640 Cass St., plans to build 3-story, rein.-con. and brick, rein.-con. flooring, concrete foundation, on Farwell and Bradford Sts. About $100,000. Kirchhoff & Rose, Majestic Bldg., archts.

Wis., Nellsville — Hospital — Clark Co. plans to build hospital for insane. About $225,000.

Wis., Racine — School — City plans to build 2-story, 92 x 246 ft. rein.-con. and brick addition, rein.-con. flooring, concrete foundation, on Center St. About $100,000. E. B. Funston Co., Robinson Bldg., archts.

Wis., Reedsburg — High School — City Council adopted resolution to build addition. About $60,000.

Wis., Sheboygan—Store and Office—A. Imig, North 8th St., having plans prepared by Juul & Smith, archts., Imig Bldg., for 3-story, 50 x 90 ft. brick, rein.-con. and tile, brick foundation, on New York Ave. About $50,000. Noted Sept. 11.

Wis., Tomah—High School—Bd. Educ. having plans prepared by H. C. Haseure, archt., Colby-Abbot Bldg., Milwaukee, for 3-story, 50 x 60 ft. brick addition, concrete foundation. About $60,000. C. B. Browatski, clk.

Wis., Wauwatosa—Church—Methodist Episcopal Church plans to build brick and stone on Wauwatosa Ave. About $50,000. Herbst & Kuenzli, Caswell Blk., Milwaukee, archts. and engrs.

Ia., Bondurant—School—Bd. Educ. Consolidated Dist. plans to build 2-story, rein.-con. Bonds for $100,000 voted for project. Bird & Rawson, Des Moines, archts.

Ia., Calamus—School—Bd. Educ. having plans prepared by C. A. Dieman & Co., archts., 408 Granby Bldg., Cedar Rapids, for 3-story, 65 x 85 ft., brick, concrete and steel, concrete foundation. About $60,000.

Ia., Des Moines—Office—Des Moines Duplication Co., Securities Bldg., had plans prepared by Hraetsch & Hraetsch, archts., St. Louis Bldg., for 8-story, 66 x 132 ft., brick, rein.-con. and stone, on Grant Ave. About $200,000.

Ia., Ft. Dodge—Y. W. C. A., c/o F. Adams, having plans prepared by Damon & O'Meara, archts., Ft. Dodge, constructing 4-story, brick, rein.-con. and steel addition to building, rein.-con. flooring, concrete foundation. About $100,000.

Ia., Iowa City — Armory — State Bd. Educ., Des Moines, having plans prepared by Proudfoot-Bird & Rawson, archts., Hubbell Bldg., Des Moines, for 3-story, 90 x 180 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, here. About $200,000.

Ia., Marshalltown — City Hall — City having plans prepared by H. E. Reimer, archt., Marshalltown, for 2-story, 40 x 136 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, here. About $50,000. Noted Sept. 11.

Ia., Newton — Hotel — Commercial Club having plans prepared by J. J. Cooper, archt., Des Moines, building 3-story, brick, rein.-con. and steel, here. About $150,000.

Ia., Sioux City—Hotel—F. Davis, 302 Nebraska St., J. S. Casey and Howard Realty Co. plan to build 10-story, brick, on Jackson and 4th Sts. About $250,000. Architect not selected.

Ia., Sioux City—Hotel—Sioux City Hotel Co., c/o W. Gordon, having plans prepared by Marshall & Fox, archts., 721 North Michigan Ave., Chicago, for 8-story, 150 x 150 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, on 7th and Pierce Sts., here. About $1,500,000.

Ia., Sioux City—Temple—Scottish Rite Templars having plans prepared by H. Holmes, archt., 30 North Michigan Ave., Chicago, Ill., for 3-story, 140 x 255 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on 12th St. About $750,000. Westcott Eng. Co., 111 West Washington St., Chicago, engrs.

Ia., Stuart — School and Convent — Roman Catholic Church having plans prepared by Damon & O'Meara, archts., Ft Dodge, for 3-story, 60 x 100 ft., brick, concrete and steel, concrete foundation. About $55,000.

Minn., Arco—School—Bd. Educ. having plans prepared by W. Macomber, archt., Essex Bldg., Minneapolis, for 2-story, 60 x 140 ft., brick and stone. About $60,000. G. Christenson, clk.

Minn., Crosby — High Schools — City voted $100,000 bonds to build high school and $35,000 for addition to Jefferson School. H Olts, clk.

Minn., Duluth—Business—J. D. Howard & Co., Providence Bldg., having plans prepared by Holstead & Sullivan, archts., Palladio Bldg., for 2-story, 50 x 140 ft., rein.-con. and brick, rein.-con. flooring, brick foundation, on Superior St., near 3rd Ave., W. About $80,000.

Minn., Minneapolis—Bank and Office—E. C. Haley, archt., 604 Wilmac Bldg., preparing preliminary plans for 3-story, 60 x 95 ft., steel and brick, in Camden Place. About $50,000. Owner's name withheld.

Minn., Minneapolis — Temple — United Holding & Investment Co., Security Bldg., plans to build 8-story, 132 x 157 ft., rein.-con. and brick labor temple, on 5th Ave., S. and 7th St. About $500,000. Architect not selected.

Minn., Minneapolis—Theatre and Office—Industrial Investment Co., 807 Hennepin Ave., having plans prepared by J. E. D. Pridmore, archt., 38 South Dearborn St., Chicago, for 12-story, 200 x 230 ft., with 50 x 60 ft. wing, rein.-con. and granite, on 8th St. and Hennepin Ave. About $400,000.

Minn., Morton—School—Bd. Educ. having plans prepared by K. T. Snyder, archt., Plymouth Bldg., Minneapolis, remodeling 2-story, brick and stone. About $52,000.

Minn., Rochester—Hotel and Cafeteria—C. Grassie, 110 South Bway. St., having revised plans prepared by A. Rose, archt. and engr., 632 Builders' Exch., Minneapolis, for 5-story, 80 x 88 ft., brick. About $175,000. Former bids rejected. Noted July 3.

Minn., St. Cloud — Court House — Stearnes Co. plans to build 208 x 225 ft., court house, here. About $400,000. Architect not selected.

Minn., St. Paul—Hotel—T. Curtis, Curtis Hotel, Minneapolis, having plans prepared by Long, Lamereaux & Long, archts., Andrus Bldg., Minneapolis, for 15-story, 200 x 350 ft., rein.-con. and brick, on Summit Ave. About $2,000,000.

Minn., St. Paul—Office—Daily News Publishing Co., 94 East 4th St., having plans prepared by Toltz, King & Day, archts and engrs., 1710 Pioneer Bldg., for 75 x 135 ft., rein.-con. and brick, on 4th St. between Cedar and Minnesota Sts. About $200,000.

Minn., St. Paul—Store—Emporium Merc. Co., 7th and Robert Sts., having revised plans prepared by Buechner & Orth, archts., Shubert Bldg., for 5-story, 75 x 100 ft. addition. About $150,000. Noted Aug. 28.

Minn., Waubun — High School — Bd. Educ. having plans prepared by K. T. Snyder, archt. and engr., 933 Plymouth Bldg., Minneapolis, for 2-story, 65 x 130 ft., rein.-con. and brick. About $100,000.

Kan., Baldwin—School—Bd. Educ. plans to build 2-story school. About $70,000. W. E. Hulse & Co., Hutchinson, archt.

Kan., Hutchinson—Theatre—Columbia Realty & Amusement Co., c/o M. B. Shanberg, 1818 Grand Ave., Kansas City, Mo., having plans prepared by F. McIlvain, archt., Kansas City, Mo., for 2-story, 50 x 150 ft., brick, rein-con., flooring, concrete and rock foundation, on Sherman and Main Sts., here. About $100,000.

Kan., Junction City—Temple—Masonic Order plans to build 2-story, rein.-con., steel and brick, concrete foundation. About $55,000. S. D. Turnbull, Junction City, archt.

Kan., Lawrence — High School — Bd. Educ. having plans prepared by W. B. Ittner, archt., Bd. Educ. Bldg., St. Louis, Mo., building, 3-story, stone, memorial high school, rein.-con. flooring, concrete and rock foundation. About $230,000. Noted Mar. 13.

Kan., Ness City — High School — Bd. Educ having plans prepared by R. A. Curtis, archt., Kansas City, Mo., for 3-story, brick and rein.-con., rein.-con. flooring. About $65,000. Noted July 17.

Kan., Wichita — Bank — Kansas Nat'l Bank, Main and Douglas Sts., having plans prepared by Richard, McCarthy & Bulford, archts., Hartman Bldg., Columbus, O., for 11-story, 93 x 96 ft., rein.-con. and brick, rein.-con. flooring, rock and concrete foundation. About $1,000,000. Noted Sept. 25.

Kan., North Topeka — Church — First Baptist Church raising funds to build new 2-story church. About $50,000. Architect not selected.

Neb., Clay Center—High School—Bd. Educ. having plans prepared by W. E. Hulse & Co., archts., Hutchinson, Kan., for a 2-story, 85 x 130 ft., rein.-con., steel and brick, rock and concrete foundation. About $125,000. Noted Aug. 28.

Neb., Columbus—Court House—Comrs. Platt Co. had preliminary plans prepared by C. W. Wurdeman, archt., Columbus Bldg., 4-story, 70 x 160 ft., rein.-con., steel and brick, rein.-con. flooring, rock foundation. About $225,000. Noted Aug. 7.

Neb., Norfolk—High School—City voted $450,000 bonds to build senior High School and addition to Washington School, etc.

Neb., Norfolk—Hotel—Norfolk Hotel Co. plans to build 4-story, on 4th St. and Norfolk Ave. About $80,000. Architect not selected.

Neb., Norfolk—Kitchen—State Hospital for Insane having plans prepared by J. C. Stitt, archt., Norfolk, for 1-story, 75 x 150 ft. rein.-con., steel and brick, rein.-con. flooring, rock foundation. About $80,000.

Neb., Omaha — Court House — Douglas Co. having plans prepared by J. Latenser & Sons, archts., 632 Bee Bldg., remodeling court house, partially destroyed by fire. About $250,000.

Neb., Omaha—Home—Salvation Army, 1711 Davenport St., had preliminary sketches prepared for 5-story, 99 x 132 ft., concrete and brick, on 18th and Cass Sts. About $250,000. G. B. Prinz, 1037 Omaha Natl. Bank Bldg., archt.

Neb., Ord—Court House—Comrs. Valley Co. plans to build 3-story, 78 x 101 ft. rein.-con., steel and brick, rein.-con. flooring, rock and concrete foundation. About $140,000. W. F. Gernandt, 634 Keelins Bldg., Omaha, archt. Noted Aug. 7.

Neb., Oshkosh—Court House—Garden Co. will vote on $75,000 bonds to build new court house.

S. D., Brookings—Hotel—P. Hall having plans prepared for 4-story, 75 x 165 ft., stone, granite and marble. About $175,000. C. E. Bell, 909 Andrus Bldg., Minneapolis, Minn., archt.

S. D., Mickling—High School—Bd. Educ. Consolidated Dist., having plans prepared by W. E. Hulse & Co., archts, Hutchinson, Kan., for high school. About $65,000.

N. D., Fargo—Business—Union Investment Co. having plans prepared by W. F. Kurke, archt., Equity Bldg., for 3-story addition, on Bway. and 1st Ave. About $75,000. A. E. Bestic, mgr.

N. D., Killdeer—Home—I. O. O. F. plan to build home. About $60,000. Architect not selected.

Wyo., Casper—Bank and Store—Richards & Cunningham and Casper Natl. Bank plan to build 1-story addition to department store and alter bank. About $150,000.

Buildings (Continued)

Mont., Choteau — High School — Teton Co. voted $100,000 bonds to build high school. F. Daly, Choteau, engr. Noted July 3.

Mont., Columbus—Court House—Stillwater Co., voted $75,000 bonds to build court house. G. N. Cardoza, Columbus, engr. Noted May 23.

Mont., Forsyth—Hospital—Rosebud Co. voted $75,000 bonds to build hospital. J. N. Edy, Helena, engr. Noted July 10.

Mont., Plentywood — School Dist. No. 20 plans to build 2-story, 200 x 200 ft. school. About $60,000. F. F. Bousset, Havre, archt.

Mo., Desloge—Schools—Consolidated Bd. Educ. having preliminary plans prepared by R. H. Sanneman, archt., 519 Reserve Bank Bldg., Kansas City, for 2 concrete, steel and brick schools. About $100,000.

Mo., Joplin—Church—Roman Catholic Church plans to build 2-story, concrete, steel and brick, concrete foundation, on 23rd and Bird Sts. About $75,000. D. J. O'Driscoll, priest. Architect not selected.

Mo., St. Charles—Dormitories—Lindenwood College had plans prepared by La Beaume & Klein, archts., Chemical Bldg., St. Louis, for two 4-story, 35 x 60 ft. additions, and various other improvements. About $60,000.

Mo., St. Louis—Mercantile and Office—G. F. Towers, c/o Holbrook, Blackwelder Co., engrs., 812 Chestnut St., plans to build 6-story, 100 x 150 ft., brick, rock foundation, on 6th and Olive Sts. About $500,000. Architect not selected.

Mo., St. Louis—Sanitarium—City plans to build 4 or 5-story, 100 x 150 ft., concrete and brick, rock foundation, on Arsenal St. About $75,000. C. E. Smith, city engr.

Mo. Springfield—Temple—Masonic Bldg. Assn., East Walnut St., had preliminary plans prepared by Heckenlively & Mark, archts., Landers Bldg., for 3-story, 140 x 200 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation. About $300,000.

Tex., Amarillo—Hotel—Amarillo Hotel plans to build 100-room addition. About $200,000.

Tex., Ft. Worth—Theatre—E. H. Hulsey, 3900 Euclid Ave., Dallas, plans to build theatre, here. Architect and engineer not selected.

Tex., Harrisburg—School—Independent School Dist. voted $100,000 bonds to improve buildings and construct school near Sinclair Gulf Refinery. Address Harris Co. Bd. Educ.

Tex., Mercedes — School — School Bd. having plans prepared by H. F. Kuehne, archt., 826 Littlefield Bldg., Austin, building 1-story, 150 x 217 ft., brick, rein-con. flooring, brick and concrete foundation, on 10th St. About $70,000.

Tex., Wichita Falls—Ft. Worth & Denver Co., Denver-Record Bldg., Ft. Worth, plans to construct 2-story, rein.-con. office building and freight depot at corner of 7th and Michigan Sts., here. About $200,000.

Tex., Yoakum—Lodge and Theatre—B. P. O. E. plan to build 3-story, 50 x 150 ft. About $60,000. L. Harrington & Co., Frost Bldg., San Antonio, archts.

Okla., Altus — Auditorium — City voted $60,000 bonds to build brick auditorium. Architect and engineer not selected.

Okla., Altus—Hospital—City voted $55,000 bonds to build hospital. Architect and engineer not selected.

Okla., Bigheart—Theatre—C. A. Runyon having plans prepared by G. Winkler, archt., 414 Palace Bldg., Tulsa, for 50 x 120 ft. rein.-con., rock and brick foundation, on Main St. About $50,000.

Okla., Enid — Temple — Masonic Assn., 202½ West Main St., having plans prepared by R. W. Shaw, archt., Beck Bldg., for 3-story, 100 x 150 ft. brick, rein.-con. and stone, rein.-con. flooring. About $200,000.

Okla., Fairfax—City Hall—City voted $50,000 bonds to build 57 x 70 ft. brick, rein.-con. flooring. J. O. Bradley, Pawhuska, archt. Noted Sept. 4.

Okla., Hartshore—Community—Methodist Episcopal Church having plans prepared by Hawk & Parr, archts., 501 Security Bldg., constructing 2-story, 32 x 80 ft. stone, rein.-con. flooring, concrete foundation. About $75,000.

Okla., McAlester — Church—Methodist Episcopal Church plans to build 2-story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $100,000. Architect not selected.

Okla., Muskogee—Temple—I. O. O. F. plans to build temple. About $500,000. City appropriated $100,000 toward cost.

Okla., Norman — Church — Methodist Episcopal Church having plans prepared by Monnott & Reid, archts., Oklahoma, for 2-story, 48 x 82 ft. rein.-con., steel and brick, concrete foundation. About $55,000.

Okla., Oklahoma—Bank, Club and Office—Oklahoma Club, Terminal Bldg., and Farmers Natl. Bank, Grand and Hudson Sts., having plans prepared by Hawk & Parr, archts., 501 Security Bldg., for 10 or 12-story, 125 x 140 ft., rein.-con. or steel, brick and stone, rein.-con. and tile flooring, concrete foundation. About $600,000.

Okla., Oklahoma—Cathedral—Scottish Rite Cons|story, Guthrie, having preliminary plans prepared by Hawk & Parr, archts., 501 Security Bldg., for 2 or 3-story, rein.-con., steel and stone, or granite, rein.-con. flooring, concrete foundation, on 10-acre site, old capitol grounds. About $3,000,000; cost plus percentage basis.

Okla., Oklahoma—Coliseum—City plan to build coliseum. About $200,000. Local business men appropriated $100,000 toward cost. M. D. Scott, member bldg. com.

Okla., Okmulgee — Business—E. R. Black having plans prepared by Smith, Rea, Lovitt & Senter, archts., Okmulgee, for 3-story, 60 x 180 ft., on Main St. About $100,000.

Okla., Okmulgee—Business—McCracken Mitchell Hardware Co. plan to build 3-story, 50 x 140 ft., on 7th and Grand Sts. About $75,000. Architect will be selected at once.

Okla., Okmulgee—Business—Mathews, Baker & Stuart plan to build 2-story, 100 x 100 ft. brick, concrete foundation. About $80,000. Architect to be selected at once.

Okla., Pawhuska—Hospital—City plans to build 2-story, brick. Bonds for $50,000 voted for project.

Okla., Pawhuska—Office—Marland Refining Co. plans to construct office building. About $500,000. Architect not selected.

Okla., Ponca City — City Hall — City plans to build 3-story, on South 1st St. About $150,000. Architect not selected.

Okla., Ponca City—Church—Presbyterian Church plans to build church. About $55,000. Architect not selected.

Okla., Sand Springs — Office — C Page having plans prepared by D. Eichenfield, archt., 830 Mayo Bldg., for 3-story, 40 x 147 ft., brick, brick foundation, on Main St. About $50,000.

Okla., Stillwater—Library and Economics—Oklahoma A. & M. College having plans prepared by F. W. Redlich, archt. and engr., Stillwater, for 2-story, 50 x 145 ft., library and 2-story, 60 x 175 ft., economics building, brick and concrete, rein.-con. flooring, on Main St. About $100,000 and $115,000 respectively.

Okla., Tulsa — Hall — Loyal Order of Moose No. 414 plans to build hall. About $100,000. C. H. Hubbard, mayor, member of bldg. com. Engineer and architect not decided.

Okla., Tulsa—Hospitals—Sisters of Sorrowful Mother, Wichita, having plans prepared by Wight & Wight, archts., 1st Nat'l Bank Bldg., Kansas City, Mo., building, 4 to 6 story, rein.-con. steel and brick, rein.-con. flooring, rock foundation. About $500,000. W. E. Gillham, Kansas City, Mo., engr.

Okla., Tulsa — Store — Rosser-Casebeer Furniture Co. having plans prepared by Blair Bros., archts. and engrs., 617 Unity Bldg., for 5-story, 50 x 140 ft. rein.-con. and brick, at 500 South Main St. About $125,000.

Idaho, Caldwell—Theatre—R. E. Field, archt., Little Bldg., preparing plans for 2-story, 120 x 150 ft., brick, on Arthur St. About $60,000. Owner's name withheld.

Idaho, Payette — Hotel — C. H. Nelson plans to build 3 or 4-story, brick, on Sylvan Beach. About $75,000. Architect not selected.

Idaho, Pocatello—Schools—Independent School Dist. No. 1, plans to build 2 concrete and brick schools, concrete foundation, 8 rooms each. About $50,000 each. T. H. Jaragie, 219 Portneuf Bldg., Pocatello, archt.

Nev., Lovelocks — School — Bd. Educ. having plans prepared by G. C. Sellon & Co., archts., 1005 8th St., Sacramento, Cal., for 1-story brick. About $60,000.

Ariz., Bisbee — High School — School Trustees retained N. F. Marsh, archt., 211 Bway. Central Bldg., Los Angeles, Cal., to prepare plans for 2-story, 60 x 80 ft., rein.-con. addition to manual training dept., concrete foundation. About $50,000.

Ariz., Prescott — School — Yavapai Co. School Dist. No. 1 voted $60000 bonds to build school. J. H. Blain, clk.

Wash., Aberdeen—Hospital—Dominican Sisters having plans prepared by Reezer Bros., archts., Seaboard Bldg., Seattle, for 4-story, 40 x 108 ft., brick, concrete foundation, near St. Joseph's Hospital. About $100,000.

Wash., Aberdeen—Hotel—B. P. O. E. Lodge authorized committee to purchase 50 ft. site adjoining club and proceed with preliminary plans for 3 or 4-story, concrete or brick. About $400,000. Architect not selected.

Wash., Cashmere —Community Center and High School—City having preliminary plans prepared for 2-story, 75 x 102 ft., concrete and brick, concrete foundation. About $75,000. Architect not selected.

Wash., Olympia—Office—State Capitol Comn., Olympia, having preliminary plans prepared building 2 or 3-story, brick or stone, on state grounds. About $600,000. This is first unit of group of buildings to be erected at cost of $1,000,000.

Wash., Raymond—Theatre—G. Reisner plans to build 1-story, brick or stone, concrete foundation. About $50,000. Private plans.

Wash., Seattle—Hospital—Washington State Homeopathic Hospital plans to build 3-story, 60 x 120 ft., concrete. About $100,000. Architect not selected.

Wash., Seattle—Office—Doctors Medical Bldg. Corp., Cobb Bldg., plans to build 10-story, 120 x 120 ft., on Madison and Minor Aves. About $500,000. Architect not selected.

Wash., Seattle — Sales — W. Bebb, c/o H. Bittman, engr., Securities Bldg., plans to build 2-story, 120 x 180 ft., concrete and brick, rein.-con. flooring, concrete foundation, on 9th and Union Sts. About $150,000.

Wash., Seattle — Sales — T. J. Nestor, Hoge Bldg. plans to build 3-stry, 108 x 180 ft., rein.-con. and brick, covering 80,000 sq. ft. floor space, on Westlake St. and Denny Way. About $65,000. Architect not selected.

Wash., Seattle—Store—J. T. Hefferman, 108 Railroad Ave. So., plans to build 2-story, 108 x 120 ft., concrete and steel, rein.-con. flooring, on 6th and Pine Sts. About $60,000. J. T. Graham, Green Bldg., archt.

Wash., Spokane — Detention Home — Comrs. Spokane Co. having preliminary plans prepared for 2 or 3-story, brick or stone. About $85,000. A. W. Burch, co. aud. Architect not selected.

Wash., Spokane — High School — Bd. Educ. preparing preliminary plans building 2-story brick or stone, concrete foundation. About $250,000. O. C. Pratt, supt. Architect not selected.

Wash., Spokane—Office—A. D. Jones & Co., North 125 Lincoln St., plans to build 5-story, 90 x 100 ft., rein.-con., brick and terra cotta, on Main Ave. About $150,000. Riggs & Van Tyne, Peyton Bldg., archts.

Wash., Spokane — Store — Culbertson, Grote, Rankin Co., Main and Howard Sts., having preplliminary plans prepared for 9-story, 90 x 90 ft., brick or stone addition, on Howard St. About $100,000. Architect not selected.

Wash., Tacoma—Business—S. B. Asia, 6th and Washington Sts., Portland, having plans, specifications and estimates prepared for remodeling 3-story, brick and concrete, here. Plans include placing glass fronts, marble trimmings and extensive interior changes. About $50,000. Sutton & Whitney, Lewis Bldg., Portland, and E. Dugan, Natl. Realty Bldg., Tacoma, archts.

Wash., Tacoma—Church—Rosary Catholic Church plans to build 64 x 180 ft. brick and stone, with tower and spire 210 ft. high, brick foundation, on 13th St. and Tacoma Ave. About $60,000. Architect not selected.

Wash., Union Gap (Yakima P. O.)—Cottages—Utah—Idaho Sugar Co., Yakima, plans to build several 1-story, frame, concrete foundations, here. About $50,000. M. Nibley, asst. genl. mgr.

Wash., Vancouver—Temple—F. & A. M. Lodge, 8th and Main Sts., plans to build 4-story, 100 x 100 ft., brick or cement, brick or cement foundation, on 10th and Main Sts. About $50,000. Architect not selected.

Wash., Yakima — Bank — Yakima Nat'l Bank having plans prepared by A. E. Doyle, archt., Worcester Bldg., Portland, remodeling bank. Plans include 40 ft., terra cotta front, 16 x 54 ft. reception room, 30 ft. high, public lobby, kitchen and dining-room for employes, 12 cages, shower baths, bookrooms, etc. About $100,000.

Buildings (Continued)

Wash., Yakima — Theatre — F. Mercy plans to build 1-story, brick, on Yakima Ave. About $150,000. Private plans.

Ore., Astoria — Hotel — H. R. Hoefler plans to build 3 or 4-story, 100 x 125 ft., on 14th and Commercial Sts. About $75,000. Architect not selected.

Ore., Astoria—Theatre—J. D. Strauss, W. Madison and S. Danz plan to build 1-story, 50 x 125 ft. brick and concrete, on Liberty Theatre site. About $50,000. Architect not selected.

Ore., Coquille—School—Bd. Educ. having plans prepared by Tourtelotte & Hummel, archts. McKay Bldg., Portland, for 2-story, hollow tile, on concrete foundation. About $50,000.

Ore., Corvallis—Dormitory—State Agricultural College having preliminary plans made in School of Architecture for remodeling and converting Federal military barracks into dormitory, 2-story concrete and timber, concrete foundation. About $60,000; half of cost to be borne by Emergency Bd. O. P. Hoff, Salem, state treas.

Ore., Klamath Falls — Business — Collins & Stilts having plans prepared for 3-story, 70 x 100 ft. brick business block, brick and concrete foundation, on 5th and Main Sts. About $60,000. Architect's name withheld.

Ore., Pendleton—Theatre—Greulich & Matlock having plans prepared by R. Grace, archt., Bates-Dock Bldg., Portland, for enlarging Alta Theatre and building 1-story addition, brick, on concrete foundation. About $50,000. C. G. Matlock, mgr.

Ore., Portland—Store—W. L. and T. B. Erwin, 6th and Glisan Sts., plans to build 1-story, 100 x 100 ft., bicycle store and machine shop, concrete, rein.-con. flooring, concrete foundation. About $50,000. Architect not selected.

Ore., Salem—Hotel—T. G. Bligh, 445 State St., plans to build 3-story, 98 x 165 ft., brick, on Cottage and Chemeketa Sts. About $100,000. Architect not selected.

Ore., Seaside — Church, etc. — Calvary Parish (represented by A. Sumner, bishop of diocese of Oregan) purchased 12 lots in Caldwell Park and plans to build church, rectory, guild house, etc., ranging from 1 to 3-story, brick and concrete, brick and concrete foundation. About $100,000. Architect not selected.

Ore., Union—Hotel—W. R. Hutchinson, S. E. Miller, et al., Union, making preliminary plans for purchase of site for 2 or 3-story, brick or concrete. About $75,000. Architect not selected.

Cal., Avalon — Hotel — Boos Bros., 460 South Hill St., Los Angeles, plan to build 6-story, here. About $300,000. Architect not selected.

Cal., Bishop—Hotel—A. J. Morrill, et al, having plans prepared by Eng. Serv. Co., engrs., 816 Washington Bldg., Los Angeles, for 2-story (containing 100 rooms), rein.-con., concrete foundation.

Cal., Clovis—High School—Clovis Union High School Dist. voted $100,000 bonds to build high school.

Cal., Grass Valley — School — School Trustees plan to build 2-story, concrete or brick. About $150,000. W. Mooser and H. B. Simpson, Nevada Bank Bldg., San Francisco, archts.

Cal., Healdsburg — Bank — Healdsburg Natl. Bank having plans prepared by F. H. Meyer, archt., Bankers Investment Bldg., San Francisco, for 1-story, brick and terra cotta. About $75,000.

Cal., Jacumba—B. L. Baughn, Barbara Worth Hotel, El Centro, purchased Jacumba Hot Springs resort and 200 acres adjoining and plans to build hotel. About $50,000. Architect not selected.

Cal., Los Angeles—High School—School Trustees voted $150,000 bonds to construct four 2-story, hollow tile buildings, concrete foundation, to include administration, domestic science, manual training and gymnasium buildings. Allison & Ollison, 1405 Hibernian Bldg., archts.

Cal., Los Angeles—Store—F. B. Silverwood, 6th St., and Bway. Ave., having plans prepared by Walker & Eisen, archts., 1403 Hibernian Bldg., for 5-story, 77 x 119 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. Steel frame will be furnished and erected by Llewellyn Iron Wks., North Main and Ord Sts. About $300,000.

Cal., Montague — Hall — Siskiyou Co. Memorial Bldg. Assn. had preliminary plans prepared by Woollett & Lamb, archts., Physicians Bldg., Sacramento, for 2-story, brick, memorial hall. About $50,000.

Cal., Oakland — Schools — City voted $4,975,000 bonds to build 12 schools, estimated cost of which will range from $100,000 to $500,000 each, and 2 to cost $50,000 each, also additions to 8 to cost from $50,000 to $100,000 each.

Cal., Oakland—Temple—Labor Temple Assn. plans to build 5-story, 100 x 150 ft. About $500,000.

Cal., Sacramento — Store — Weinstock, Lubin & Co., Balboa Bldg., San Francisco, purchased site on 11th and J Sts., and plans to build 160 x 220 ft. About $1,000,000. Architect not selected.

Cal., San Diego — High Schools — City plans election to vote on $1,500,000 bonds to build 2 intermediate high schools. Address Bd. Educ., Southern Title Bldg.

Cal., San Francisco—High School—City having plans prepared by J. Reid, Jr., archt., 1st Natl. Bank Bldg., for high school on Van Ness Ave., Polk, Bay and Francisco Sts., to be known as North Beach High School. About $500,000.

Cal., San Francisco—Hospital—Federated Italian Societies, 678 Green St., plans to build hospital. W. Torchia, secy., 2 Columbus Ave., conducting drive to raise $1,000,000 to finance project. Architect not selected.

Cal., San Francisco—Office—Ames-Harris Neville Co., 100 Potrero Ave., having plans prepared by J. R. Miller, archt., Lick Bldg., for 5-story, 150 x 155 ft., on 5th and Pine St., near Front St. About $100,000.

Cal., San Francisco — Office — Pacific Gas & Electric Corp., 445 Sutter St., having plans prepared by W. Knowles, archt., Hearst Bldg., for 5-story, 150 x 155 ft., on 5th and Howard Sts. About $200,000.

Cal., San Francisco—Store and Lofts—J. C. Brickell, Lick Bldg., purchased site on Market St. near 2nd St. and plans to build 3-story, 25 x 92 ft., rein.-con. or brick. About $100,000. J. R. Miller, Lick Bldg., archt.

Cal., San Francisco—Store and Loft—W. H. Sullivan, 129 Sutter St., having plans prepared by L. Devlin, archt., Pacific Bldg., for 2-story, 50 x 150 ft., on California St., near Front St. About $60,000.

Cal., San Francisco — Theatre and Store—S. Mariani having plans prepared by Reid Bros., archts., Mills Bldg., for 75 x 125 ft. and 60 x 85 ft., concrete and steel, on Mission and 29th Sts. About $78,000.

Cal., Santa Ana—Auditorium—School Trustees retained N. F. Marsh, archt., 211 Bway. Central Bldg., Los Angeles, to prepare plans for, brick, concrete or hollow tile, at high school, here. About $50,000 available.

Cal., Santa Barbara—Church—Carmelo Catholic Church having plans prepared by B. Goodhue, archt., 2 West 47th St., New York City, for church in Montecito Dist., here. About $75,000.

Cal., Strathmore — High School — Trustees Strathmore Union High School Dist. plan election soon to vote on $85,000 bonds to build high school. Architect not selected.

Cal., Woodland — Sanatorium — Woodland Sanatorium having plans prepared by W. H. Weeks, archt., 75 Post St., San Francisco, for timber and plaster, concrete foundation. About $60,000.

Federal Government

PROPOSED WORK

Mass., Boston—Foundry Extension and Machine Shop—Spec. 4053—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build extension to Bldg. No. 42, here. About $160,000.

Mass., Cambridge—Post Office—Treas. Dept., Wash., D. C., plans to build 2-story, 71 x 110 ft. post office, on Harvard Sq., here. about $150,000. G. N. Jacobs, 209 Washington St., Boston, archt.

Mass., Fall River — Moving Machine Shop and Boiler Shop Annex—Spec. 4064—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to move machine shop and boiler shop annex from Fall River to Atlantic. About $40,000.

R. I., Newport—Laundry—Spec. 4081—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here. About $60,000.

R. I., Newport—Torpedo Storage Racks Spec. 4060—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here. About $20,000.

N. Y., Buffalo—Channel Extension—U. S. Engr. Office., Buffalo, having specifications prepared for 21 ft. channel extension at Tonawanda Harbor. About $125,000 available for project.

N. Y., Dunkirk—Maintenance Repairs—U. S. Engr. Office, Buffalo, having specifications prepared for maintenance repairs to harbor, here.

N. Y., New York—Deepening Channel—U. S. Engr. Office, 39 Whitehall St., having plans prepared for deepening channel from deep water in Upper Bay to deep water in East River.

N. Y., New York—Dredging—U. S. Engr. Office, 39 Whitehall St., plans to dredge in Bronx River.

N. Y., New York—Dredging—U. S. Engr. Office, 39 Whitehall St., had plans prepared for dredging East Chester Creek.

N. Y., New York—Drilling Plant—U. S. Engr. Office, 39 Whitehall St., having plans prepared for drilling plant.

N. Y., New York — Widening and Straightening Channel—U. S. Engr. Office, 39 Whitehall St., having plans prepared widening and straightening channel opposite Newtown Creek. About $770,000.

N. Y., Rockaway—Tennis Courts—Spec. 4052—Bureau of Yards & Docks, Navy Dept., Wash., D. C., plans to build, here. About $3,000.

N. J., Cape May—Dirigible Hangar—Spec. 4080—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build steel, corrugated asbestos-wood frame and sash, here. About $470,000.

N. J., Cape May—Dismantling and Re-Erecting Gas Holder—Spec. 4074—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans, here. About $13,500.

N. J., Lake Denmark—Shell Loading Plant—Constr. Div., War Dept., Wash., D. C. plans to build, here. About $3,000,000.

N. J., Lakehurst—Buildings, etc.—Spec. 4082—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct additional buildings to include brick power house, railroad, roads, landing field, grading and clearing 1000 acres of land for site, water supply, sewerage system, frame quarters for officers and steel frame machine shop, here. About $1,126,000.

Pa., Phila.—Smithery Annex—Spec. 4051—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build annex to smithery, here. About $30,000.

Pa., Pittsburgh—Locks and Dams—U. S. Engr. Office, Pittsburgh, having preliminary plans prepared for locks and dams 6 to 8. About $190,000 available for project.

Del., Wilmington—Jetty Repairs—U. S. Engr. Office, Old Federal Bldg., plans to repair jetty in Cold Spring Inlet, N. J.

Md., Baltimore—Dredging—U. S. Engr. Office, Baltimore, had specifications prepared dredging 9-ft. channel, 100 ft. wide, at Wicomico River.

D. C., Wash., Fireproofing Storehouse—Spec. 4076—Bureau Yards & Docks, Navy Dept., plans to fireproof storehouse No. 10. About $15,000.

D. C., Wash.—Kitchen, Mess Hall and Barracks—Constr. Quartermaster, Walter Reed Hospital, plans to build, here. Estimated cost, $12,000.

D. C., Wash.—Raising Roof and Additional Cranes—Spec. 4075—Bureau Yards & Docks, Navy Dept., plans to raise roof of open-hearth shop and install additional cranes. About $40,000.

Va., Norfolk — Dredging — U. S. Engr. Office, Norfolk, having plans and specifications prepared dredging James River, involving deepening channel to 22 ft. at mean low water, from present depths, which between river's mouth, at Hampton Roads and City Point are from 16¾ to 20 ft., and between City Point and City Wharf at Richmond, 18 ft.; widening parts of channel in latter reach to project widths of 200 and 300 ft.; also building regulation works for maintaining improved channel after enlargement. About $226,833.

Va., Norfolk—Pattern Shop—Spec. 4041—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here. About $350,000.

Federal Government (Continued)

Va., Petersburg—Conduit—U. S. Engr. Office, Petersburg, plans to build conduit of earth and rock dam above navigable channel and conduit to extend from diversion channel to navigable channel, also flushing navigable channel.

Va., Yorktown—Buoys—Spec. 4068—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to moor buoys, here. About $7,000.

N. C., Moorehead—Hangar and Fire Protection System—Spec. 4073—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to complete hangar and fire protection system, here. About $10,500.

S. C., Charleston — Quay Wall — Spec. 4078—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here. About $180,000. Noted Sept. 11 under Spec 3773.

S. C., Paris Island—Curbs and Gutters—Spec. 4065—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build concrete curbs and gutters, here.

S. C., Paris Island—Sheathing Buildings—Spec. 4069—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to sheath buildings at Post Exchange, here. About $12,000.

Fla., Jacksonville — Channel — U. S. Engr. Office, Jacksonville, plans to build channel from Tampa Bay to Sarasota, via Long Key Route, 7 ft. deep and 100 ft. wide. About $92,000 available for project.

Fla., Jacksonville—Lock and Dam and Dredging—U. S. Engr. Office, Jacksonville, having plans prepared building lock and dam at Moss Bluff, remainder of funds will be expended in dredging in channel from Moss Bluff to Silver Springs Run. About $95,000.

Fla., Pensacola—Heating System—Spec. 4071—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to install heating system at Torpedo Storehouse, No. 100, here. About $15,000.

O., Cleveland—Deepening Channel, Jetty Extension, Pierhead, Dredging, etc.—U. S. Engr. Office, Cleveland, plans to deepen channel, extend east jetty 6000 ft., build pierhead, dredge West Dock Channel, repair of floating plant and general administration, at Sandusky Harbor. About $191,000.

O., Cleveland—Widening River—U. S. Engr. Office., Cleveland, plans to widen Cuyahoga River at New York Central R. R. Bridge. About $42,273 available for project.

Mich., Detroit—Dam—U. S. Engr. Office, Detroit, having plans and specifications prepared for emergency dam in St. Mary's River. About $250,000.

Tex., Brownsville — Flood Protection, Roads, Walks, Wharves, and Drainage Work—U. S. Engr. Office, Galveston, received $17,000 allotment from Secy. of War, for flood protection, roads, walks and drainage, here

Tex., Galveston—Dredging—U. S. Engr. Office, Galveston, considering plans for dredging channel 18 ft deep, 400 ft wide, at Brazos Island. About $66,000 for 1st year and $25,000 each succeeding year for 5 years

Wash., Keyport — Storehouses — Spec. 4048—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build torpedo and warhead storehouses, here. About $60,000.

Wash., Puget Sound—Radio Buildings—Spec. 4050—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct, at Ft. Stevens and Ocean Park, here.

Wash., Seattle—Dredging—U. S. Engr. Office, Seattle, plans to dredge inner portion of Gray's Harbor, between entrance of harbor and Chehalis River; also re-dredging in waterway connecting Port Townsend Bay and Oak Bay.

Ore., Toledo—Road Work—Bureau Pub. Rds., U. S. Dept. of Agriculture, 204 Post Office Bldg., Portland, plans to build 4.05 mi. Alsea Natl. Forest Rd., Suislaw Natl. Forest, Lincoln Co., involving 44,000 cu.yd. common and 15,000 cu.yd. rock excav., 17 acres clearing, 10 acres grubbing and 1850 lin.ft. log or pipe culvert.

Cal., Los Angeles — Dredging — U. S. Engr. Office, Los Angeles, plans to dredge areas A and C and middle ground, San Diego Harbor. About $400,000 available.

Cal., Los Angeles—Levee Repairs—U. S. Engr. Office, Los Angeles, plans to make additional repairs to levee in Colorado River, Ariz.

Cal., San Diego — Hospital — Bureau Yards & Docks, Navy Dept., Wash., D. C., having plans prepared by B. Goodhue, archt., 2 West 47th St., New York City, building hospital at Balboa Park, here, to include administration building with 120 ft. tower, 4 ward buildings, each to accommodate 300 patients, officers and nurses' quarters, surgery, laboratory, power house, laundry, garage and commander's residence. About $2,000,000. Noted Sept. 4.

Cal., San Francisco—Extending and Rebuilding Jetties—U. S. Engr. Office, San Francisco, plans to extend North Jetty about 500 ft. seaward and rebuild inshore of 2 jetties.

Guam — Ice Making and Cold Storage Plant—Spec. 4063—Bureau Yards & Docks, Navy Dept., Wash., D. C., plan sto build, here. About $35,000.

P. R., San Juan—Dredging—U. S. Engr. Office, 39 Whitehall St., New York City, plans tidal investigation in view of dredging 5,122,000 cu.yd., here.

Miscellaneous

PROPOSED WORK

Monument—New Haven, Conn.—Yale University Alumni Advisory Bd. plans to build memorial monument at Quadrangle. About $150,000. Sculptor not selected.

Arch—Stamford, Conn.—City plans to build stone memorial arch in St. Johns Park. About $50,000. W. T. Daskam, chn. memorial com. Architect not selected.

Coal Pocket—Rochester, N. Y.—Elwood Coal Serv., Powers Bldg., plans to build steel and concrete coal pocket, on Driving Park Ave. Cost between $20,000 and $25,000.

Park—Trenton, N. J.—City plans to build park in eastern section of city. About $35,000.

Amusement Park—Sparrows Point, Md. (Baltimore P. O.)—S. Getzler c/o Sofir, Braun & Getzler, 1057 Calvert Bldg., Baltimore, and others, plan to build amusement park at Sandy Beach on Chesapeake Bay, near here. About $1,000,000.

Dry Dock—Sparrows Point, Md. (Baltimore P. O.) Md.—Bethlehem Shipbuilding Corp. plans to build dry dock of wooden pontoons with continuous steel side walls, 80 ft. wide, 400 ft. long, and 20 ft. depth over sills. Private plans.

Improving Yacht Basin—St. Petersburg, Fla.—City plans to vote $75,000 bonds to improve Yacht Basin, build boat slips, sidewalks and rest houses, etc.

Subway — Cleveland, O.—City plans election Feb. 10 to vote on $15,000,000 bonds to build double-deck subway system. Preliminary surveys prepared by Barclay, Parsons & Klapp, engrs., Leader News Bldg., include steel, concrete and brick tube from High Level Bridge east on Superior Ave. to East 22nd St., and on Ontario St. from Lakeside Ave. to Central Market House, with 4 tracks ft. each.

Pavilion—Columbus, O.—Franklin co. voted $150,000 bonds to build pavilion at Franklin Co., Tuberculosis Hospital.

Docks, etc. — Detroit, Mich. — City Comrs., Farwell Bldg., instructed City Plan Comm. to engage engineers to make survey of water front and prepare tentative plans for docks, warehouses, etc., for industrial port, together with facilities for unloading, handling and storing coal.

Tank—Davenport, Ia.—Amer. Hominy Co. plans to build rein.-con. grain storage tank. About $50,000. Private plans.

Electric Light and Power Line—Westbrook, Minn.—Village voted $10,000 bonds to build electric light and power line from here to Jeffers.

Transmission Line—Hazelton, Kan.—City having plans prepared and soon lets contract building transmission line. About $12,000. W. B. Rollins & Co., 209 Ry. Exch. Bldg., Kansas City, Mo., engrs.

Transmission Line—Lane, Kan.—City voted $15,000 bonds to build transmission line from here to Ossawatomie Engineer to be selected at once.

Transmission Line—Richmond, Kan.—City voted $20,000 bonds to build electrical transmission line from Ottawa to here.

Switchboard, Generators, etc.—Bismarck, N. D.—City plans to install switchboard, 75 k.w. generator, 125 h.p. engine, pumps, accessories and appurtenances for 600 h.p. electric plant. About $40,000. F. Tustison, Auditorium Bldg., Minneapolis, Minn., engr.

Subway—Fargo, N. D.—Great Northern Ry., St. Paul, Minn., plans to build subway on 10th St. About $10,000.

Park—Billings, Mont.—City voted $75,000 bonds to improve parks. E. M. Sneckenberger, city engr. Noted Sept. 18.

Retaining Wall—Missoula, Mont.—City plans to build retaining wall, in Impvt. Dist. No. 44, along Blk. No. 4, original townsite of Missoula, to keep water of Missoula River from overflowing on street. About $23,000. T. G. Hatheway, city engr.

Dam—Wilsall, Mont.—Kistner & Hardie Ranch Co. plans to build 600 ft. irrigation dam, 50 ft. high, to reclaim 2800 acres. About $40,000. W. S. Hartman, Wilsall, engr.

Concrete Posts and Walls—St. Louis, Mo.—St. Louis Co. River Impvt. Assn. plans to place hollow concrete posts secured with heavy cables, in Missouri River bed along farms in St. Louis Co.; also build concrete walls where needed. Cost several hundred thousand dollars. E. Bagnell, Lincoln, engr.

Park—Chickasha, Okla — City voted $100,000 bonds to purchase and improve park sites.

Exposition Park—Tulsa, Okla.—Livestock & International Exposition Co. plans to purchase 600 acre site and construct brick and concrete exposition buildings and amusement park, containing swimming pool and usual features incident thereto. About $500,000. Engineer not selected.

Cables — Lewistown, Idaho —Pacific Telephone & Telegraph Co. plans to build extra cables and general extension to city service. About $18,000. A. P. Johnson, mgr.

Lighting System—Mackay, Idaho—City plans to build ornamental street lighting system. About $20,000. L. A. Hansen, clk.

Dam—St. Anthony, Idaho — Fremont-Madison Reservoir Co. had preliminary surveys prepared, for earth fill dam, in Fall River basin, for irrigation. Work involves 1,400,000 cu.yd. earth excav. About $1,000,000. J. B. Hays, Boise, engr.

Lighting System, etc. — Chehalis, Wash.—City plans to extend lighting system and erect steel or concrete standards at 75 ft. intervals on main streets of business section. About $10,000. A Donahoe, city atty.

Pier—Seattle, Wash.—Lake Union Dock Co. plans to build pier, 46,000 sq.ft. in area, involving 700 piles. Plans also include 50 x 200 ft., heavy timbered warehouse. J. E. Blackwell, Hoge Bldg., engr.

Impriving Canal—Yakima, Wash.—City plans to improve Naches-Selah Canal by concreting 1.5 mi. main canal and installing one 48-in. and one 42-in. creosoted wood pipe siphon, 3400 ft. long. About $125,000. C. F. Wilson, city engr.

Dam—Astoria, Ore.—Crown Willamette Paper Co. having preliminary plans prepared for 60 ft. concrete and timber dam to form Reservoir, covering 3000 acres at Youngs River Falls.

Dock—Portland, Ore.—Balfour, Guthrie & Co., 353 Oak St., plans to repair dock below Bway. bridge. Work includes placing beams, sawing off dock piling at water level and heavy grill work from deck to dock. About $25,000.

Park Improvement—Portland, Ore.—City plans to buy additional park sites and improve same by grading, seeding to grass, draining, installing water, light and sewerage systems. City will issue and sell $500,000 bonds to cover cost of project. O. Laurgaard, city engr.

Gas Holder — Long Beach, Cal.—Southern Counties Gas Co., 724 Spring St., Los Angeles, has asked permission to build 2,000,000 cu.ft. steel gas holder. About $200,000. J. D. Thompson, ch. engr.

Harbor Improvements — Monterey, Cal.—City retained T. H. Tibbitts, engr., Alaska Commercial Bldg., San Francisco, to make preliminary survey for harbor improvements. About $300,000.

Dam—Porterville, Cal.—Pleasant Valley Ditch Co. plans to build dam to impound waters of upper Tule River. About $4,000,000. P. A. Morrison, pres.

Pier, Wharf, etc. — San Francisco, Cal.—State of California had plans prepared by Engineers of State Harbor Comn., Ferry Bldg., for extension of Pier No. 27, involving 500 creosoted wood piles, 25,000 sq.ft. timber floor and timber shed covering 18,000 sq.ft.; also 900 sq.ft. rein.-con. bulkhead wharf at Pier 5 and 5000 sq.ft. rein.-con. wharf at Pier 19, all at foot of Lombard St.

Pipe Line—Santa Paula, Cal.—Southern Counties Gas Co., 724 Spring St., Los Angeles, has asked permission to lay pipe line from here to Oak Ridge, cost $16,200; from here to Fillmore, $48,000; pipe line near Chino, $53,100, and 1600 meters, $19,500. J. D. Thompson, ch. engr.